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**Folder Title:**  
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THE WHITE HOUSE

Office of the Press Secretary  
(Baton Rouge, Louisiana)

For Immediate Release

March 6, 1992

REMARKS BY THE PRESIDENT TO  
BUSH/QUAYLE '92 EDMOND RALLY

Oklahoma Christian University  
Oklahoma City, Oklahoma

THE PRESIDENT: Thank you, Senator Nickels, for that kind introduction. May I salute our State Chairman, Clinton Key and Finance Chairman Ed Lawson. And I'm pleased to share this stage this morning with some of this state's finest: State Representative Larry Ferguson; Mayor Norick of Oklahoma City; Mayor Randal Shannon of Edmond; and Commissioners Watts and Bob Anthony. Welcome to all of them. And last, but not least, Treasurer Claudette Henry. And I also want to express my deep appreciation to your hometown Congressman Mickey Edwards who couldn't be here today because he's back in Washington, participating in the budget debate, and helping me hold the line on federal spending. (Applause.)

And may I also salute two friends of longstanding, Ed and Thelma Gaylord. This square is a fitting tribute to Thelma, and I think we're all very grateful to them. And finally, let me note what a great host Terri Johnson has been today. (Applause.) And a special thanks to George Wesley, who we just heard doing a superb job singing The National Anthem. (Applause.) But most of all, thanks to every one of you who got up at all hours this morning -- (applause) -- to come to Edmond from Elk City, to Enid, and towns all across Oklahoma to show our your support. And a special welcome to all the students here from Oklahoma Christian. (Applause.)

One question. One question. Just one question. Is it too late to audition for the spring sing? (Applause.) Well, let's talk about our country. We are in a battle for our future, and I am determined that America should leave young people like you the best possible legacy. And we want America to lead the world in good jobs with productive work, and we want to remain a force for world peace and freedom. (Applause.)

And we are fighting -- and we will continue to -- to protect our most basic institution, which is the family. (Applause) And that's why this year of decision is so important for America.

In next Tuesday's primary election, and November's general election, you will hold the future of this country, your future, in your own hands. And I'm asking you to get out the vote and create a resounding mandate for transforming America. Let's nominate and elect men and women who share our values. (Applause.) We've got much more to do to get America on the right track. So I'm asking you for four more years as your President of this great country. (Applause.)

AUDIENCE: Four more years! Four more years! Four more years!

THE PRESIDENT: This country was built on faith, family and freedom -- and we must renew those sources of our strength. And we must allow common sense to prevail -- for example in our

welfare system, restore the connection between welfare and work. (Applause.) Americans are not cold-hearted. We're a caring people. Americans support welfare and families in need. But we want to see government at every level work together to track down the dead-beat fathers, the ones who can't be bothered to pay their child support. And most important, we've got to break the cycle of dependency that destroys dignity and passes down poverty from one generation to the next. That's wrong. That's cruel. And we're working to change it. (Applause.) The way we're doing that is to encourage states to innovate with workfare, and plans that help people break that dependency -- begin learning work skills. Let's help those families.

And we will continue to fight for the parents' right to choose their children's schools. School choice -- (applause) -- we've got a great education program, and school choice is at the heart of America 2000, our strategy to literally revolutionize American education.

Today, March 6th, is a World Day of Prayer. And I think it says something that the World Day of Prayer is observed a lot more frequently here in this community than it is in Washington, D.C. (Applause.) You know, there's something wrong when our kids cannot participate in voluntary prayer in the classroom across this country. (Applause.)

The Senate and the House -- and they need it, I'll admit -- open their sessions every day with prayer. Why can't we have a voluntary prayer in the classroom? (Applause.)

And let me be clear: Parents -- parents, not some bureaucrat in Washington, D.C. -- knows what is best for the kids. And that's why we worked hard to win a child care bill that provides parents the right to choose who provides the care. We know America is first as long as we put the family first. (Applause.)

Now, back to Congress, regrettably. For three years I've had to fight the liberal leadership of the Congress; one party having controlled that Congress for most of the last 50 years. And I will continue to stand for principle no matter how daunting the odds. We have fought, we've put judges on the bench who know their role is to interpret the law, not to legislate from the federal bench. And I'm going to keep on doing that. (Applause.)

And let me be clear to those here and those that are not here but might be listening: I will use the veto when I have to -- to stand for principle -- to stand up for family values. (Applause.) Sometimes even my friends said I was flirting with defeat by casting a veto instead of cutting out a deal. But we've never lost a veto fight, and I will never hesitate to use the veto when principle is at stake. (Applause.)

And so here we go again. The liberal leadership of the Congress is once again on a collision course with my veto. You remember, when I asked Congress to pass tax cuts and incentives to really stimulate this economy, to get it moving -- to get real estate up and running, to reward risk-takers who create good jobs. It's time to quit punishing people who create jobs. We ought to cut the tax on capital gains. (Applause.)

But as Don Nickles knows -- because he's fighting against them every day -- instead of passing my plan, the big spenders who control the Congress had other ideas, and they pushed through one of their own. And here's what's in it for you: a tiny temporary tax cut -- 25 cents -- a quarter a day for each man, woman and child. And here's the catch: You can keep

that quarter in exchange for \$100 billion in new taxes. The Democrats call that new revenue, and I call it your money. And we are not going to let that happen. (Applause.)

If you feel the way I do, write your Congress, and then tell him to keep the change, and keep your hands off of the taxpayers' wallets. (Applause.) Unless I haven't been clear: If they send me the bill -- anything like the one that came out of the House -- I'm going to veto it faster than an Oklahoma twister and send it right back. (Applause.)

And remember, I have set a deadline to the Congress: March 20th. And I have said to the Congress: Pass our plan, get our economy moving, set the politics aside for just a minute, and then we can fight about it politically from now on, and do something for the American people. (Applause.)

I know -- you've probably got some Will Rogers students around here -- but I know Will Rogers once said it was better to have termites in your house than the legislature in session. (Laughter.) But this time there's no way around it: Congress has got work -- its work to do to get this country moving.

And I know full well how difficult times have been in the past few years in this state for the people in the oil and gas business, for example. And our domestic oil and gas industry is important to our national economy. It's important, it is vital to our national security. And all of us share an interest in a national energy strategy that will keep America strong and keep us competitive. And it's a common-sense plan, ours is, that will help both consumers and producers.

Congress has been slow to act on our energy strategy, but finally it's beginning move. And so I'd like to ask all of the people of Oklahoma to join me and Don Nickles and Mickey and help us put the heat on Congress to get our energy initiatives in place. (Applause.)

Without getting too technical, I also want action on an issue absolutely vital to Oklahoma energy producers. This is technical, but it's important. The alternative minimum tax as applied to the energy industry is hurting our economy and helping no one. It is unfair to the independent producers. And it's costing us jobs. And Don Nickles understands this problem and he's been in the lead to get it solved. And so let me assure you, I will work with Don to get the Congress to reform this tax provision and restore fair treatment to our energy producers. It is in the national security interest of the United States to do this. (Applause.)

I am not going to sit around waiting for the congressional leadership to help the economy, though. Our administration has been reviewing what we can do under existing laws to help. And in the natural gas industry -- help that get moving again as well.

And so today we're going to announce several new actions that will eliminate some of the regulatory barriers that have hampered the gas industry. And these actions will provide significant relief to industry, but they are no substitute for prompt action by Congress to pass my energy legislation. (Applause.)

We're going fight as we must, and we will win. And in the world today, if we want to succeed economically right here at home, we've got to lead economically abroad. Each day, more and more American jobs are tied to trade -- to international trade.

And that's the case here in Oklahoma. In the past four years, Oklahoma's exports have jumped by 75 percent.

And today, 75,000 Oklahoma jobs are tied to trade. And remember, every billion dollars more in manufactured exports means 20,000 new jobs here; and each extra billion dollars in agricultural exports means thousands more jobs on Oklahoma ranches and farms and in the Oklahoma agribusiness. (Applause.)

And so some of my opponents are out there peddling protectionism -- a retreat from economic reality. And you cut through all the patriotic posturing and the political promising and all the tough talk about fighting back by shutting out foreign goods. Well, look closely. That is not the American Flag they are waving, it is the white flag of surrender. And we must not have it. (Applause.)

That is not the America that you and I know. We don't and run, we compete. And never in this nation's long history have we turned our backs on a challenge. And we are not going to let them start doing it to us now. (Applause.)

I put my faith in the American worker. Level the playing field, and the American worker will outthink, outproduce and outperform anyone, anywhere, anytime. So let's back those workers with free and fair trade. (Applause.)

We're strong. We're strong because we value faith, family, and freedom. We are the world's greatest power because whenever our values are threatened, we fight to defend them. And we need to keep our defenses strong. In my State of the Union message, I proposed far-reaching, but still responsible cuts to bring our armed forces into line with the new realities of the world. These cuts were based on recommendations from the Joint Chiefs of Staff -- from Colin Powell, from Secretary Cheney -- all who have performed superbly. But now the liberals, true to form, want to put down this scalpel on that kind of cut and pick up a meat axe. And I am not going to let that happen. We are going to keep America strong. And you can count on it. (Applause.)

You see, as President -- and I'm sure all of you all know this -- I have a constitutional responsibility for the national security of this country. And as long as I am President, I guarantee you we will have defenses strong enough to meet our responsibilities. We were ready last year and an unforeseen situation arose when Iraq's brutal dictator invaded Kuwait, and we will be ready when we face the next crisis. Do not let them cut the heart out of our defenses. (Applause.)

We must let the world know this: Whatever the challenge, America will stay strong. We are in it to win. And make no mistake about this -- don't listen to these politicians on the other side who tell you we're in decline. You travel anywhere around the world and you will find we are the undisputed, respected leader of the free world. And we're going to stay that way. (Applause.)

Think back to a year ago -- the calm after Desert Storm. Ask any one of the proud sons and daughters of this great state of Oklahoma, ask any of the young people from this campus who became liberators of Kuwait and they'll tell you, military strength doesn't mean a thing without moral support right here at home. And let me say America is proud of the Oklahoma 45th -- the 45th Brigade -- and proud of the decision this week to keep that brigade in service. (Applause.)

Of course, there are those who didn't support us then -- I can understand that -- there are those who second-guess us now. But not here, not in Oklahoma. (Applause.) When I drew

that line in the sand -- when I drew that line in the sand, you stood with me. And never would this country tuck tail and let aggression stand. (Applause.) And America did what was right and just and good, and America prevailed.

And we're bringing that same spirit to the fight that we face today. And so let my opponents go out there and tell us everything that's wrong about our country. Let them try to win by carrying down our great fabric. My opponents sound the retreat, run from realities, seek refuge in a world of protectionism and high taxes and big government. Let them drone on about what's wrong in America. We know what is right about the United States of America. (Applause.)

Once again, I'm proud to be on this campus. And let me close with just a couple of words right from the heart. In the first place, I think my wife is a fantastic First Lady of the United States -- (Applause.) But we are blessed. She and I are blessed to serve this great nation of ours at a moment when so many of the old fears have been driven away. When so many new hopes stand within our reach. And since the day I took the oath of office, I made it my duty always to try to do what is right for this country. And I've given it my level best. And I am not done yet.

You and I have more work ahead before we've finished our mission. And it's a battle for our future. It's about jobs for your future, it's about the family, it is about world peace.

And together, I think we've made a great beginning to renew the miracle of American enterprise and to strengthen our values of family, faith and freedom. And I am counting on Oklahomans, you young people especially, to reject the ugly politics of hate that's rearing its head again -- antisemitism, bigotry, they have no place in the United States of America. (Applause.)

And now we're approaching an hour of decision -- next week. Don't wait until November. I'm asking you to vote on Tuesday in the Republican primary. Give me your vote in this important election next Tuesday and help me win four more years to lead the fight for the values we share. (Applause.)

Thank you, and may God bless the United States of America -- the freest and fairest and strongest country on the face of the Earth. Thank you very, very much. (Applause.)

END

9:40 A.M. CST



1990-92  
ACADEMIC CATALOG

OKLAHOMA  
CHRISTIAN  
UNIVERSITY  
OF  
SCIENCE AND ARTS



*1990-92*

# ACADEMIC CATALOG

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OKLAHOMA CHRISTIAN  
UNIVERSITY OF SCIENCE AND ARTS

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## DEPARTMENT ABBREVIATIONS

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AC Accounting; AR Art; AS Air Science; BA Business Administration; BI Biology; BL Bible; BO Botany; CD Child Development; CH Chemistry; CS Computer Science; EC Economics; ED Education; EE Elementary Education; EL Electrical Engineering; EN English; ES Engineering Science; FL Family Life; FN Finance; FR French; GR Greek; GM German; GS General Science; GY Geography; HI History; IS Information Systems; JP Japanese; MA Mathematics; MC Mass Communication; ME Mechanical Engineering; MG Management; MI Missions; MK Marketing; ML Modern Languages; MT Medical Technology; MU Music; OM Office Information Management; PE Physical Education; PH Physics; PL Philosophy; PS Political Science; PT Portuguese; PY Psychology; RE Religious Education; RU Russian; SE Special Education; SN Spanish; SO Sociology; SP Speech Communication; SW Social Work; YM Youth Ministry; ZO Zoology.

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## COURSE INFORMATION

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1000 courses	Freshman level
2000 courses	Sophomore level
3000 courses	Junior level
4000 courses	Senior level

course	<b>1113</b>	hours
level	└─┘	credit
	departmental	
	information	

### Prerequisite

If a course is a prerequisite, it must be taken prior to another course.

### Corequisite

If a course is a corequisite, it must be taken at the same time as another course.

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## OKLAHOMA CHRISTIAN UNIVERSITY of Science & Arts

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Box 1100  
Oklahoma City, OK 73136-1100  
405-425-5000

It is the policy of Oklahoma Christian not to discriminate on the basis of sex, race, color, national and ethnic origin in its educational programs, admissions policies, activities or employment policies as required by Title IX of the 1972 Education Amendments. Individuals who wish to inquire about compliance with Title IX and/or to file a grievance should contact Dr. Richard Mock, Jr., Dean of Student Services, (405) 425-5222.

Oklahoma Christian does not discriminate on the basis of handicap in the recruitment and admission of students, the recruitment and employment of faculty and staff or the operation of any of its programs and activities, as specified by federal laws and regulations. The designated coordinator for compliance with section 504 of the Rehabilitation Act of 1973, as amended, is Dr. R. Stafford North, executive vice-president.

Oklahoma Christian is an equal opportunity employer.

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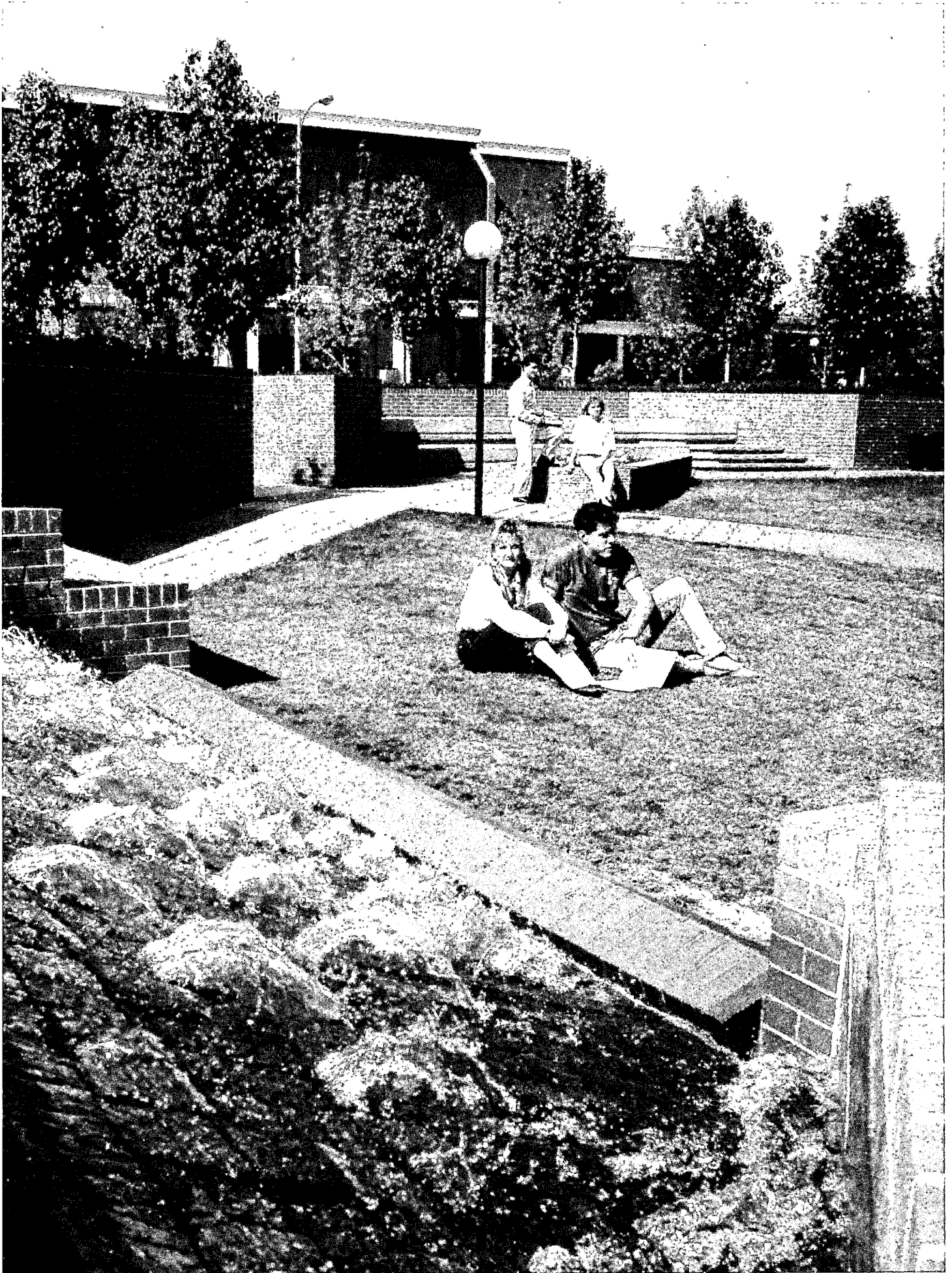
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# About OKLAHOMA CHRISTIAN

*Oklahoma Christian University of Science and Arts is a four-year, private coed liberal arts university emphasizing spiritual growth and career preparation. On a 200-acre campus in Oklahoma City, Oklahoma Christian offers a*

*close academic community within a metropolitan area. The faculty and the majority of students are members of the church of Christ.*

*Students are invited to visit the campus and take a tour to see the university first hand.*

## AT A GLANCE

Additional information on these subjects is given throughout the catalog. Please see table of contents.

### Admission

Admission is open to students of suitable character and in good health who fulfill one of these requirements: a high school graduate with at least 15 units, a student over 18 who has passed the General Educational Development test (GED), or a transfer eligible to re-enter his previous college. See page 29 for details.

### Size

Oklahoma Christian has 1,700 students from many of the fifty states and several foreign countries.

### Location

On a 200 acre campus on the north side of Oklahoma City, a state capitol with a population of over 900,000.

### Financial aid

More than 80 percent of all students receive aid either in loans, grants, scholarships or work-study jobs. Eligibility for aid is determined by the ACT Family Financial Statement.

### Accreditation

Fully accredited by the North Central Association of Colleges and Secondary

Schools, a member of the National Council for the Accreditation of Teacher Education (NCATE), approved by the Oklahoma State Department of Education to recommend students for teacher certification.

### Facilities

Thirty contemporary buildings are coordinated in design including classroom buildings, dormitories, a cafeteria, student center, learning center, auditorium, performing arts theater, fieldhouse and olympic sized swimming pool.

### Faculty

More than fifty-five percent hold the earned doctorate degree from many southwestern universities and other universities across the nation. Many freshman courses are taught by faculty members with the doctoral degree.

### Academic year

The year is divided into three trimesters. Courses are credited in semester hours. The trimesters last roughly from September-December, January-April, May-July. Since the spring trimester ends in April, students get a head start on summer jobs.

### Degree programs

Seventy-three degree options and several pre-professional programs in Bible, business, communication, fine arts, education, language and litera-

ture, physical education, science and engineering and behavioral and social sciences.

Also offered is a Master of Arts Degree in Ministry. For information on the graduate program, please request a graduate catalog.

### Jobs

Off-campus jobs are available in Oklahoma City and Edmond. Shopping centers and businesses near the campus hire students. Many students work on campus in the work-study program.

### Housing

Nine dormitories, all of which are air-conditioned and carpeted, house underclassmen and some upperclassmen. Four apartment complexes, traditionally styled and landscaped, house married students and selected upperclassmen.

### Social-service clubs

Social-service clubs with about 65 percent participation by students organize many of the campus' activities. All students are guaranteed club membership, although not necessarily in the club of their choice.

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**WHO  
TO SEE  
WHERE  
TO GO**

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**About admission**

Duane Eggleston,  
Vice president for Church  
Relations  
Admissions Office  
Vose Hall

**About financial aid**

Larry Hollingsworth,  
director of financial aid  
Administrative Services  
Cogswell-Alexander Hall

**To enroll**

Enrollment line,  
or afterward:  
Administrative Services

**To drop or add a class**

Begin with assigned advisor.  
Details on page 31.

**About housing  
and roommates**

Randy Cochran (for men)  
Barbara Tucker (for women)  
Office of Student Services  
Gaylord Hall

**About off-campus jobs**

Karen Harmon,  
director of placement services  
Vose Hall 200

**About work-study jobs**

Larry Hollingsworth,  
director of financial aid  
Administrative Services

**For general  
academic information**

Dr. Bailey McBride,  
Vice president for Academic  
Affairs  
Mabee Learning Center, 112  
(southeast corner)

**For general questions**

Dr. Stafford North,  
executive vice-president  
Gaylord Hall, 102  
(southwest corner)

**For freshman assistance**

John Inman  
Director of Freshman  
Advisement

**For personal counseling**

Dr. Arlis Wood  
Health Center  
Gaylord Activity Center

**For academic advisement**

Assigned advisor or  
divisional chairman

**About your health**

Pam Ferguson, R.N.  
director of health service  
Gaylord Activity Center

**For books**

Campus Bookstore  
Gaylord Activity Center

**For supplies, toiletries**

Campus Bookstore  
Gaylord Activity Center

**For a parking permit**

Enrollment line,  
or afterward:  
Campus Security  
Mabee Learning Center, 207

**To pay a traffic fine**

Business Office

**For an I.D. card**

Enrollment line,  
or afterward: Merel Neill  
Business Office

**For a short-term loan**

Virginia Niles  
Office of Student Services

**Topayyourbill**

Enrollment line,  
or afterward:  
Business Office

**To check on your bill**

Merel Neill  
Business Office

**To cash a check**

Cashier Window  
Business Office

**To mail a letter**

Mail drops:  
Gaylord Activity Center  
and Business Office

**To mail a package**

Outgoing Mail Center  
Harvey Business Center  
(west side)

**For a snack**

Eagles Perch  
Gaylord Activity Center

**About a new  
or lost meal ticket**

Enrollment line,  
or afterward:  
Merel Neill  
Business Office

**For a chapel seat**

Enrollment line,  
or afterward:  
Office of Student Services

**For stamps**

Business Office or  
Campus Bookstore

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## A CHRISTIAN COMMUNITY

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A great spiritual benefit of Oklahoma Christian is associating with Christian friends and faculty. Such activities as those below contribute to the Christian nature of the campus.

### Chapel

Chapel meets each day for students to come together to pray, sing and worship. Attendance is required for fulltime students.

### Devotionals

Voluntary devotionals are conducted by students in the residence halls and on campus certain evenings each week. Many on and off-campus students participate.

### Local congregations

Congregations throughout Oklahoma City welcome students to work and worship with them. Several nearby congregations have special teaching, training, fellowship, and work programs especially for OC students. These also have adoption programs which place students with a local family.

### Organizations

Three religious clubs provide varied religious expression and development: Outreach, which emphasizes evangelism; Harvesters for men and Gleaners for women offer training and information for Christian service.

### Campaigns

Many students participate in summer mission campaigns. Campaign groups organize early in the school year to learn the language and customs of the country to be visited and to prepare for teaching others. In the past campaign groups have gone to Germany, Belgium, Brazil, the iron curtain countries, the Bahamas, Japan, Korea, the Philippines, South Africa, Switzerland, Portugal, Trinidad, London, Wales and certain parts of the United States.

### Lectureship

The annual lectureship in January

brings well-known preachers and speakers to the campus for a week of sermons, lectures, classes and open forums. Students are welcome at all sessions.

### Youth Forum

Every year in February Oklahoma Christian hosts a one-day forum of spiritual activities for younger Christians from Oklahoma and surrounding states. OC students plan the event and serve as hosts for the students on campus.

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## A LOOK A OC'S HISTORY

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### September, 1950

The college opens its doors as Central Christian College, a junior college in Bartlesville, OK. L.R. Wilson is the first president.

### Spring, 1954

Dr. James O. Baird succeeds L.R. Wilson as president.

### Fall, 1956

Dr. George S. Benson joins the college as chancellor.

### September, 1958

The college moves to Oklahoma City to begin operation on a new 200-acre campus.

### September, 1959

Central Christian College is renamed Oklahoma Christian College.

### June, 1962

Expansion to a senior college is completed and the first bachelors degrees are awarded.

### September, 1965

Oklahoma Christian opens its nationally recognized Mabee Learning Center with a carrel for each student.

### March, 1966

Oklahoma Christian gains full accreditation by the North Central Association, an accreditation which has been maintained since that time.

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## About OKLAHOMA CHRISTIAN

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### General Information

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### October, 1972

Oklahoma Christian attains membership in the National Council for the Accreditation of Teacher Education (NCATE), giving its teacher preparatory programs national stature.

### September, 1974

Dr. James O. Baird becomes chancellor with Dr. Terry Johnson becoming the third president.

### November, 1982

Enterprise Square, USA, the nation's first computerized center for economics education opens.

### September, 1986

Oklahoma Christian becomes the first Christian college to initiate a four-year engineering program.

### April, 1990

Oklahoma Christian College becomes Oklahoma Christian University of Science and Arts. Dr. James O. Baird retires as chancellor.

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## STATEMENT OF PURPOSE

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The purpose of an institution such as Oklahoma Christian exists in two dimensions: in a formal written document and in the hearts of those who know the institution through experience. The more nearly these correspond, the greater the integrity of the institution. It is the intent of those who administer the University to fulfill the intent of this statement and the dream which was in the hearts of the founders.

Continued ▶

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STATEMENT  
OF  
PURPOSE  
Continued

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### General Philosophy

Oklahoma Christian exists primarily to provide a liberal arts, university-level education for young men and women. Its program is intended especially to serve members of churches of Christ, a non-sectarian body, but its students are not limited to this constituency.

The University defines its educational philosophy in the following principles:

1. **"The fear of the Lord is the beginning of knowledge" (Prov. 1:7).** Above all else, the University seeks to lead each student to respect God, the Christ He sent, and the Bible as His revelation to man. This aim of spiritual development undergirds the entire program.
2. **The experiences of university life should serve primarily to develop the mind.** A student should learn to observe closely, concentrate thoroughly, investigate carefully, reason accurately, and communicate effectively.
3. **Through both the curricular and extra-curricular activities and experiences of university life, students should expand their fund of useful experiences as a background for decision-making in values, morals, and actions.** University life, then, should be a time for broad contact with ideas, events, and people from a wide range of times and places, thus offering a student the prospect of making decisions and judgements with a better perspective.
4. **In addition to the more general experiences, each student should have the opportunity to specialize in one subject area since such intense study develops important qualities of mind and character.** This specialization also gives a student training for a particular career.

Upon the foundation of these four principles, the University seeks to prepare its students for leadership in the church, service in their careers, responsible citizenship in their communities, the nation, and the world, devotion to their homes, and Christian character in all phases of life.

Oklahoma Christian seeks to admit as students only those prepared in mind and spirit to make the aims of the University their own and to retain as students only those making satisfactory progress toward their aims. Each student's individual needs and potential, of course, are recognized and served.

### Specific aims

More specifically the purpose of the university may be divided into three broad areas: general education, career preparation and public services.

**General Education.** Oklahoma Christian provides a general education for all its regular students, centered on a study of the scriptures, the sciences, the social sciences, and the humanities as well as in a program of extra-curricular activities. Through these experiences the student should make measurable progress toward the following objectives:

1. Demonstrate through personal living a belief in God, a commitment to Christ and a use of the scriptures as revealed truth.
2. Earn the respect of associates through high character and moral standards.
3. Demonstrate a Christian view of self and others.
4. Function well in family relationships.
5. Participate in civic and social improvement and, as a loyal citizen who understands his political and economic heritage, support freedom under law for all individuals.
6. Use effectively the tools of learning and inquiry.
7. Relate well to persons of varying circumstances in the common social settings.
8. Take proper care of the physical body.

9. Exhibit an understanding of the effects of science and technology on the modern world.
10. Use the past as a means of understanding the present and determining the future.
11. Appreciate the arts and relate them to life.
12. Communicate ideas effectively to others and receive ideas efficiently from others.

**Career Preparation.** Taken in its broad sense as a meaningful use of one's lifetime, career preparation is a goal of Oklahoma Christian. Whether it be in the ministry, education, business, medicine, science, the arts, social service, or homemaking, the OC graduate should be prepared for a career which provides a means of Christian service, a suitable income, and the necessary personal and family rewards. The specific careers toward which the university offers preparation are stated in this catalog. While in many areas requiring graduate or professional training, the university seeks to provide the best possible foundation, it also offers graduate level work leading to a master's degree in a limited number of fields.

**Public Services.** In addition to serving those who enroll as students, and through their participation and leadership its broader community, Oklahoma Christian also renders various direct public services through special classes, lectureships, workshops, entertainment and the writing and speaking of its staff members. For the civic and educational communities, the University provides intellectual, patriotic and artistic stimulation along with contributions to human knowledge and educational techniques.

The fulfillment of these objectives is the obligation of Oklahoma Christian. Each academic division, each co-curricular activity, every program and policy should be related to the achievement of these aims and each should be evaluated by the contribution it makes toward their fulfillment.

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## OKLAHOMA CITY

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Oklahoma City, a state capital with a population of over 900,000, offers the jobs, entertainment, cultural events and restaurants typical of a major metropolitan area. The north side of Oklahoma City adjacent to the campus has the most concentrated area of activities in the city.

The Oklahoma City Zoo, the Oklahoma City Philharmonic Orchestra, Will Rogers World Airport, movies, shopping centers, live theatre, the Civic Center, Cowboy Hall of Fame, the Myriad and Myriad Gardens downtown, the state capitol complex and the network television stations are all in the metro area.

### Jobs

Part-time jobs at businesses in suburban Edmond, at shopping centers and in Oklahoma City are plentiful. Sixty percent of Oklahoma Christian students work to meet part of their college expenses and to gain useful experience in the workplace. The OC Placement Service assists students in locating jobs.

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## THE FRESHMAN YEAR

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The University has several special programs designed to help students adjust to university life and to Oklahoma Christian.

### Neat Week

Neat Week, a one-week orientation session offered twice each summer, helps students get ahead for fall. Students can take the CLEP tests for advanced university credit, register, enroll and receive credit for the freshman orientation course. Students live on campus during the week. Students unable to attend Neat Week can attend a similar orientation week at the beginning of the school year.

### Director of Freshman Advisement

The Director of Freshman Advisement sponsors the freshman class. He works with faculty advisors and freshman to make the adjustment to college as easy as possible. He is available in the Office of Administrative Services to help freshmen with spiritual, social, and academic questions.

### Other services

Other counseling programs and academic and career advisement services available to all students are explained elsewhere in the catalog.

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## TRADITIONS

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Among Oklahoma Christian traditions are Club night, when students are introduced to the social-service clubs; Homecoming, with a musical, club competition, and coronation of Homecoming queen; Spring Sing, social-service club musical revue; and candlelights, traditional engagement ceremonies.

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## ATHLETICS

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### Intercollegiate Teams

The university participates in nine varsity sports with men's teams in basketball, baseball, cross country, golf, tennis, soccer, and track, and women's teams in basketball and track.

### Intramurals

Competition is offered in men's flag football, men's wrestling, volleyball, ping pong, pool, swimming, softball, basketball, track, golf, and cross country.

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## REGULATIONS

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In order to maintain a Christian atmosphere on campus, certain regulations govern students from the

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## About OKLAHOMA CHRISTIAN

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### General Information

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time they enroll. The Student Handbook, distributed at enrollment, details all rules and policies relating to student life.

Students are expected to dress modestly at all times. Drinking, drug possession or usage, sexual promiscuity, dishonesty or gambling in any form is not permitted. Curfew hours in the residence halls and a hair code are enforced.

Violations of university regulations may result in a student's dismissal or withdrawal of the privilege to attend Oklahoma Christian. To request a Student Handbook, contact the Dean of Student Services.

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## HOUSING

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### Residence Halls

Nine residence halls house freshman and sophomore men and women and some upperclassmen. Each hall accommodates 80-120 students. All are carpeted and air conditioned. Tinius East Hall for women and Wilson West for men are built on a courtyard plan with suites. The remaining halls are self-contained with rooms off hallways. The residence halls have lounges for meetings, devotionals and visits. All students must live on campus except married students and those living with immediate families.

### Heritage Heights Apartments

The Heritage Heights Apartments, one and two bedroom furnished apartments adjacent to the campus, are for married students and upperclassmen who have lived in a residence hall for one trimester and have been approved by the Dean of Student Services.

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## HOUSING Continued

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Phases I and II are for married students, Phase III for men and Phase IV for women.

### Reservations

Single students may reserve housing by sending a housing request form and a \$35 deposit to the Admissions Office. The deposit is refundable if a written request is received in the Office of Student Services by July 15. A deposit is not required to reserve housing for the winter and summer terms.

Married students may reserve an apartment by sending a housing request and a \$75 deposit to the Admissions Office. The deposit is refundable if a written request is received in the Office of Student Services 45 days before the proposed date of occupancy.

Requests for particular rooms or roommates should be made on the housing request form. Whenever possible, requests will be honored. They are processed on a first-come, first-served basis.

Students are held responsible for residence hall or apartment damage during the period of residence.

For room and apartment charges, see page 24.

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## STUDENT SERVICES

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Student services are provided to make students' transition from home to school as easy as possible and to help students as they finish their education and enter the job market. Details on the services are below.

### Counseling

Counseling services provide guidance for all students in addition to the academic advisor assigned to each student at the beginning of the aca-

ademic year. Besides the persons named below, a student may talk to his advisor or any other faculty member, the dean of student services or one of the associate deans about personal or religious matters.

### Career Counseling Center

Information about job opportunities, salaries and occupational needs are provided in the Career Counseling Center. Vocational interest tests are available. The center can help students define or find life goals and provides a library of books and materials relating to career choice. It is located in Vose Hall 200.

### Personal Counseling

Personal counseling services are available to help students with many concerns such as school and adjustment problems, premarital counseling, marriage and family counseling, stress management, personal problems and socialization training.

Information discussed with the personal counselor, Dr. Arlis Wood, is confidential and will not be discussed with others unless there is clear and imminent danger to the student or others involved, or when the student gives written permission for confidential communication with another professional.

No fee is charged for short-term personal counseling of one to six sessions. A fee of \$7.50 is charged for sessions seven to 12. Sessions beyond 12 cost \$15 each.

### Job Placement

Information on off-campus and part-time jobs is coordinated by Karen Harmon, director of placement services. Her office maintains contact with schools, industries and businesses to help students and graduates find jobs. Before graduation, all seniors should complete a placement folder of information for prospective employers. It will be kept on file in the Placement Office, located in Vose Hall 200.

### Health Service

The student health service on the west side of the student center is staffed by registered nurses. The center provides services for common ailments and emergencies and for ongoing health care. A physician is available in the health center once a day.

### Campus Security

Campus security officers issue parking permits, work in traffic control and secure campus buildings. The security office is on the second floor of the Mabee Learning Center.

### Laundry

Laundry facilities are provided in the residence hall areas and at the Heritage Heights Apartments.

### Bookstore

The campus bookstore in the Gaylord Activity Center sells textbooks, academic supplies, gifts, toiletries, greeting cards and general merchandise.

### Mail Service

The campus mail service in the Gaylord Activity Center and at the university apartments provides a box for each student. Mail is delivered, packages picked up and mail sent out from these locations. A mail drop is also provided in the administration building. Packages can be mailed out at the outgoing mail center on the west side of the Harvey Business Center.

### Recreation

Facilities for student recreation include the 'barn' for intramurals and informal games, the student center with pool, ping pong and video games and the olympic swimming pool for recreational swimming.

### Intramural Programs

Competition is offered in football, wrestling, volleyball, ping pong, pool, swimming, softball and basketball. Intramural activities are open to all students, not just those in social-service clubs.

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## ORGANIZATIONS

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### Social Service Clubs

Social Service clubs provide social activities, service projects and the benefits of group membership to all students. Club membership is guaranteed to every student at the university, although membership in a particular club cannot be guaranteed. Many students participate in intramurals through their clubs' teams.

### Academic Organizations

Student organizations relating to various academic areas include the Student Education Association; the American Chemical Association, student chapter; PEMM for physical education majors and minors; the Art Guild; Kappa Pi, honorary art fraternity; the Emory Business Team; Phi Beta Lambda, business organization; Phi Alpha Theta, international history fraternity; Philiatros for pre-medical students; and the Music Educators National Conference, student chapter.

Alpha Chi, national honor society, honors students with high academic standing. The society requires a 3.5 grade point average for juniors and a 3.4 grade point average for seniors.

### Student Government

Student Senate is the official organization representing the OC student body. Its executive officers, senators and committees govern and supervise student activities within the range of its bylaws. One senator holds a seat on each faculty committee. Officers and senators are chosen by popular vote with representatives from the residence hall councils, classes and clubs holding designated positions. Senate meetings are open to all students.

Other student government bodies are the Men's Residence Hall Council and the Women's Residence Hall Council, with representatives from each residence hall, the Inter-Club Council with representatives from each social-service club, The Married Student's

Residence Council with representatives from the married student apartments and the Religious Club Council with representatives from each religious organization.

### Political Clubs

Chapters of the Young Democrats and Young Republicans are open to students interested in politics.

### Service Organizations

Circle K club, a branch of the international service organization, performs service functions on campus and assists with projects.

The Envoys, sponsored by the university admissions office, serve as goodwill ambassadors for OC, conduct campus tours and talk with prospective students.

### Drama and Debate

The Thalian Players, a drama organization, is for students active in theatre. Students can participate in the productions of the college theater department by enrolling in drama workshop or technical theater workshop or by volunteering.

The varsity debate team competes intercollegiately throughout the southwest in debate and other areas of forensics.

### Music

Several performing groups in music perform on and off campus. The Chorale performs a wide range of music literature and takes one major tour each year. The Chamber Singers is a select chamber choir which performs vocal chamber music. Maranatha is a small group specializing in gospel and contemporary Christian music. Membership in all the above groups is by audition. Kantorei, a choral ensemble for women, requires no audition and is open to women of the faculty and staff as well as those from the surrounding community.

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## About OKLAHOMA CHRISTIAN

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### General Information

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The Symphonic Band, which performs and takes one major tour each year, is open to students with experience in high school or university band. The Jazz Ensemble performs jazz, pop and rock music in concert and with the band on tour. Membership is by audition. The "Sweat Band," (pep band) performs at home basketball games.

In addition to the ensembles described above, students have the opportunity to participate in the Homecoming musical, a fully-staged production using a full orchestra.

### Athletics

Oklahoma Christian participates in nine varsity sports with men's teams in basketball, baseball, cross country, golf, tennis, soccer, and track and women's teams in basketball and track.

Two spirit groups support the Eagle teams. The varsity cheerleaders consist of four students selected at the beginning of the school year by the student body and two returning cheerleaders. All students are eligible to audition. The Nine Noises is composed of nine men who promote Eagle spirit. Members are selected by the returning members.

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## ORGANIZATIONS Continued

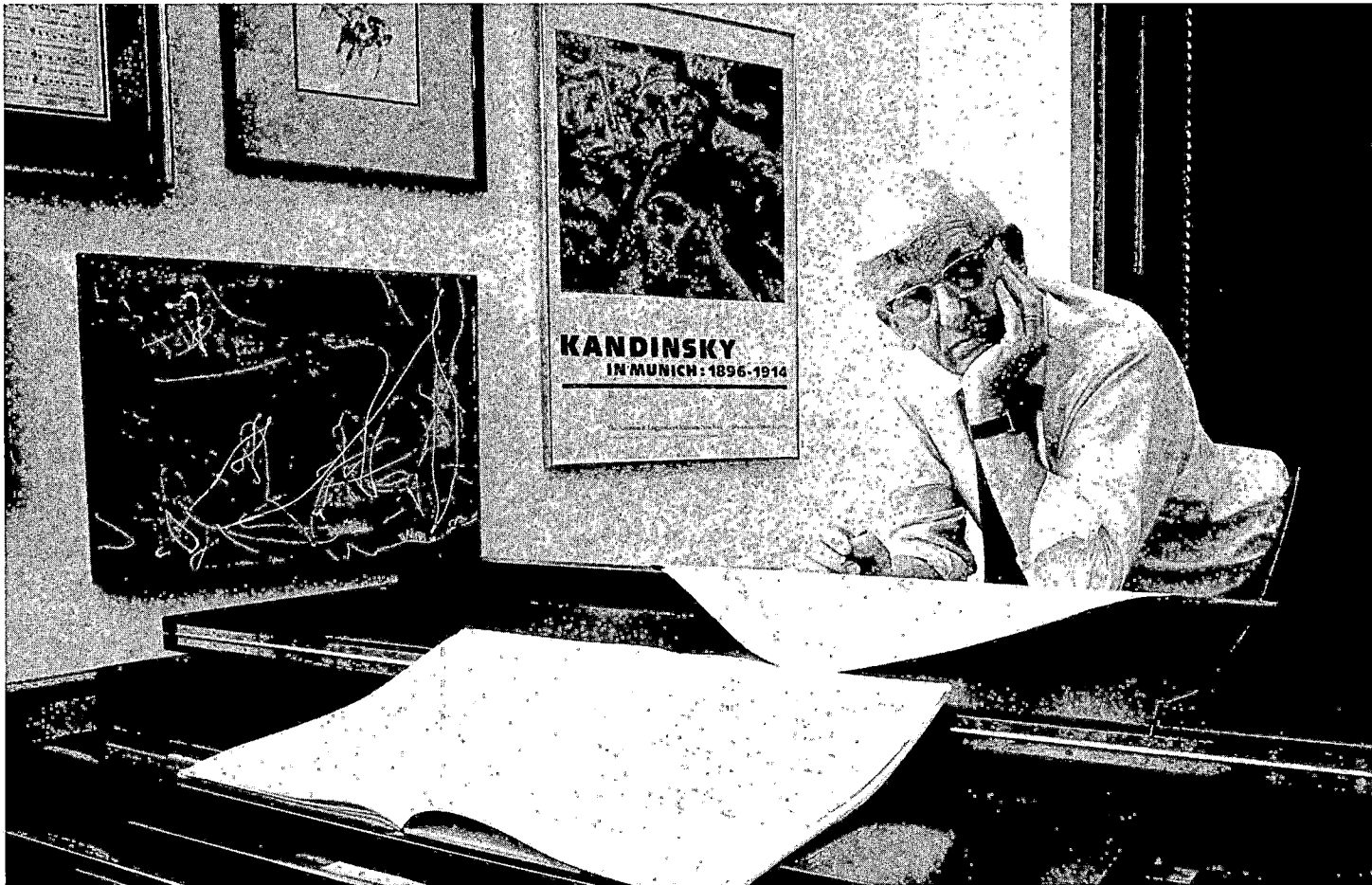
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### Publications and Communications

The *Talon*, a student newspaper that publishes each Monday, is open to all

students including those majoring in mass communication. *Talon* offices are in the Garvey Center. The *Aerie*, the university yearbook, is open to all students. Offices are in Mabee Learning Center. *Soundings*, a literary magazine, considers submissions of prose, poetry, art and photography for its yearly issue.

KOCC, campus radio station, broadcasts in the metropolitan area with a contemporary jazz and light rock format. Studios are in the Garvey Center. At 89 on the FM dial, the KOCC signal broadcasts in a 50-mile radius from 6:00 a.m. to 12 midnight.



# *Oklahoma Christian* ADMINISTRATION & FACULTY

*The governing body of Oklahoma Christian is a self-perpetuating Board of Trustees originally chosen from those who were interested in the founding of the original college. This board establishes major policies of the university, and is the final authority in school affairs. It hires the*

*president and approves the appointment of all administrators, staff and faculty members. The Board of Development acts in an advisory capacity to the president and builds goodwill for the university.*

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## BOARD OF TRUSTEES

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**Glenn Alexander**  
Dallas, TX

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Dallas, TX

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San Antonio, TX

**C.A. Buchanan**  
Oklahoma City, OK

**Ralph Chain**  
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**Joe Dodson**  
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**Ralph Fails**  
Sayre, OK

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Clinton, OK

**Jesse Glenn Stratton, Jr.**  
Clinton, OK

**John D. Sudbury**  
Houston, TX

**Phil Winn**  
Kansas City, MO

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## HONORARY TRUSTEES

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**Leon Lugar**  
Bartlesville, OK

**L.E. Mitchell**  
Frederick, OK

**Riley Sheets**  
Oklahoma City, OK

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## EXECUTIVE OFFICERS

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**James O. Baird**  
B.A., M.A., Ph.D., LL.D.  
Chancellor Emeritus

**J. Terry Johnson**  
B.A., J.D., LL.D.  
President

**R. Stafford North**  
B.A., M.A., Ph.D.  
Executive Vice President

**Guy J. Ross, Jr.**  
B.A., LL.D.  
Senior Vice President

**Kevin E. Jacobs**  
B.S., J.D.  
Vice President  
and General Counsel

**Duane Eggleston**  
Vice President  
for Church Relations

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## ADMINISTRATIVE OFFICERS

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A.A., B.A., M.A., Ph.D.  
Vice President  
for Academic Affairs

**Gary L. Fields**  
B.A., C.P.A., M.B.A.  
Vice President for Finance

**Richard M. Mock, Jr.**  
B.A., M.S., Ed.D.  
Vice President  
for Student Services

**Bob D. Smith**  
B.A., M.A.  
Vice President for  
Administrative Services  
and Registrar

**Alan W. Phillips**  
B.S.  
Vice President  
for Development

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## ADMINISTRATIVE STAFF

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### OFFICE OF THE PRESIDENT:

Lou Phillips, Executive Secretary  
to the President

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### OFFICE OF THE EXECUTIVE VICE PRESIDENT:

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Glenda Stamper, Executive Secretary  
to the Executive Vice President

#### Athletic Director's Office:

Max Dobson, B.S., M.Ed., Ed.D.

Athletic Director

Dea Fields, Secretary to Athletic Director

#### Computer Services:

Bryan Williams, Director

Kathy Hightower, Data Entry Operator

Boyd Reed, Programmer

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### OFFICE OF THE VICE PRESIDENT FOR ACADEMIC AFFAIRS:

Iola Gieger, Administrative Assistant to the  
Vice President for Academic Affairs

#### Library:

Brad Robison, B.A., M.L.S., M.A.

Director

Gladys Burcham, Circulation Clerk

Sandra Ewer Lockwood, B.S.E., M.A.

Director of Technical Processing

Geneva Hoover, B.S., M.L.S.

Reference Librarian

Tamie Willis, B.S., B.S.E., M.L.I.S.

Periodical Research

#### Media Center:

Gary Hurst, B.S., M.S.

Director

Kathy Sharpe, Director of Photography

Sue Stephens, Media Center Traffic Director

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### OFFICE OF THE VICE PRESIDENT FOR STUDENT SERVICES:

Randy Cochran, B.S., M.Ed.

Associate Dean of Student Services

Barbara Tucker, B.S., M.Ed.

Associate Dean of Student Services

Karen Harmon, Director of Placement

Tom Heath, Intramural Director

Nanci Inman, Director of Activities

Robbie Jones, Secretary to the Associate Deans  
of Student Services

Virginia Niles, Secretary to the Vice President  
for Student Services

Verna VanWey, Chapel Secretary

#### Counseling and Health Center:

Arlis Wood, Ph.D.

Director of Counseling Services

Pam Ferguson, R.N.

Director of Health Services

Michael Herndon, D.O.

Campus Physician

Margaret Whaley, Counseling and Health  
Services Center Secretary

#### Security:

Geary Robinson, Director of Security

Jo Seitsinger, Security Secretary

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### OFFICE OF THE VICE PRESIDENT FOR ADMINISTRATIVE SERVICES AND REGISTRAR:

John Inman, M.Ed.

Director of Freshman Advisement

Roberta Bachman, Administrative Assistant,

Applications Clerk

Kathy Milligan, Recorder

Marjorie Shipp, Records Assistant

Marilyn Hankins, Degree Audit Clerk

Zann Jones, Registration Clerk

Virginia Martin, Secretary to the Vice President  
for Administrative Services

#### Financial Aid:

Larry Hollingsworth, Director of Financial Aid

Phyllis Russell, Assistant to the Director

Jo Ann Hurst, Secretary to Financial

Aid Director

#### Mailing Department:

Jamie Scott, Manager

Sherry Le Blanc, Assistant Manager

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### OFFICE OF THE SENIOR VICE PRESIDENT:

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Mary Ann Blevins, Executive Secretary  
to the Senior Vice President

E. M. McCluggage, Property Manager

#### Enterprise Square, USA

Robert D. Tucker, Executive Director

Elenda Wise, Administrative Assistant

Pen Woods, Public Relations Director

Thelene Gilmore, Marketing Director

Frank Irby, Technical Director

Brent Higgins, Assistant Technical Director

#### American Citizenship Center

and National Education Program

Mary Shotts, Administrative Assistant

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### OFFICE OF THE VICE PRESIDENT FOR DEVELOPMENT:

Sue Johnston, Executive Secretary

to the Vice President for Development

Bob Lashley, Director of Special Funding and  
Events

D. Andy Carpenter, Field Relations  
Coordinator

David Duncan, Field Representative

James M. Miller, Senior Staff Representative

O. Mack Currey, Estate Counselor

Becky Durham, OCWA Coordinator

Tresa Black, Staff Assistant

#### Public Information Office:

Stanley Green, Director of Public Information

Lindy Adams, Director of Publications

Norma Thomas, Public Information Assistant

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### OFFICE OF THE VICE PRESIDENT AND GENERAL COUNSEL:

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Mary Ann Sipes, Executive Secretary  
to the Vice President and General Counsel

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### OFFICE OF VICE PRESIDENT FOR FINANCE:

Jane Neece, Secretary to the Vice President for  
Finance

Dick Whitley, Chief Accountant and Assistant  
Business Manager

Joyce Brownlie, Accounts Payable Clerk

Janice Dodd, Director of Student Loans

Hershell Heath, C.P.A.

Controller

Lois Bray, Supervisor of Telephone  
Switchboard

Louann French, Secretary to Director  
of Student Loans

Debbie Hooten, Cashier

Merel Neill, Supervisor of Accounts Receivable

Wilbur Ross, Supervisor of Payroll,

Accounts Payable

Dorothy Whitley, C.P.A.

Assistant Controller

#### Campus Bookstore:

Danny Gibson, Manager

Lucy Warner, Assistant Manager

#### Maintenance and Grounds:

Jim Stephens, Director of Physical Plant

Camey Johnson, Grounds Foreman

Rusty Matlock, Director of Custodial  
and Campus Services

Ruth Shelhope, Secretary

#### Incoming Mail:

Betty Martin, Manager

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### OFFICE OF THE VICE PRESIDENT FOR CHURCH RELATIONS:

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#### Office of Admissions:

Bob Rowley, B.A., M.A.

Associate Director of Admissions

Iris Harrell, Recruitment Communication  
Coordinator

Damon Miller, Admissions Counselor

Dean Walker, Admissions Counselor

Robert Gregg, Admissions Counselor

Gene Pool, Admissions Counselor

Stan Paregien, Admissions Counselor

Carla Supon, Admissions Clerk

Kerri Williams, Recruiting Network  
Coordinator

#### Alumni Office:

Director of Alumni Relations

## FACULTY

### **Kenny L. Adams** **Professor of Music**

B.M.E., Central State University; M.M., North Texas State University; D.M.A., University of Iowa

At Oklahoma Christian since 1972... directs choral groups.. additional study at Westminster Choir College and State University of New York at Potsdam... active as a clinician and adjudicator for high school choirs and bands... conducting fellow at the Classical Music Festival, Vienna, Austria... active at Dayspring congregation... member of the Board of Directors of Hope House, Inc., residential facility for the severely handicapped... conducting Master Class, Oregon Bach Festival.

### **Darrel Alexander** **Professor of Speech**

B.A., Harding University; M.A., University of Denver; Ph.D., Louisiana State University

At Oklahoma Christian since 1962... attended Harding College and the University of Denver before completing a doctorate in theatre from Louisiana State University... directs theatre program at OC... teaches speech and theatre... member of Alpha Psi Omega... specializes in oral interpretation... deacon at Memorial Road church... on leave to Ibaraki Christian College, 1989-1991.

### **James O. Baird** **Professor Emeritus of Bible**

B.A., M.S., and Ph.D., George Peabody College for Teachers

President of Oklahoma Christian for 20 years, chancellor for 15 years... holds doctorate from George Peabody College with additional study at Princeton Theological Seminary... has traveled widely and spoken in countries all over the world... educator and former president of the Council for the Advancement of Small Colleges... has preached since 1938 and has written for many periodicals... taught Bible and Bible related courses... added to graduate Bible Faculty in 1988... served as publisher of the *Christian Chronicle*, a Christian newspaper among churches of Christ... retired spring, 1990.

### **James Baxter** **Professor of Chemistry**

B.A., David Lipscomb University; M.A. and Ph.D., University of Georgia

Holds a doctorate in physical chemistry from the University of Georgia... a member of the American Chemical Society and Sigma XI and the American Association of University Professors... teaches general chemistry and physical chemistry... at Oklahoma Christian since 1970... 1981 Gaylord Chair of Distinguished Teaching... served as chairman of science division from 1978 to 1988.

### **Ronald Bever** **Professor of Speech Communication**

B.A., M.A., and M.R.E., Harding University; M.A., Temple University; Ph.D., Northwestern University

Served as chairman of division of communications and fine arts for 20 years... holds masters degrees in Bible, religious education and speech, and a doctorate from Northwestern University in speech... an elder in the church... has served churches as minister, associate minister, youth director and educational director... a specialist in the restoration movement of the nineteenth century... has led four campaign groups to Belize, Central America... recipient of fellowship for study in Egypt in 1988... at Oklahoma Christian since 1964.

### **Martha Bryant** **Assistant Professor of Education**

B.S. and M.E., Central State University

Has had 16 years of teaching experience: three years in kindergarten in Atlanta, Georgia, several years at Living Word Academy in preschool and elementary, six years in elementary grades in Edmond Public Schools... teaches children's and ladies' classes... husband, Don, works for the Federal Aviation Agency and is an elder in the church... together they work with the Rebuilders support group at the congregation in Edmond... has two sons and a daughter-in-law who have graduated from Oklahoma Christian.

### **Ralph Burcham** **Professor of Information Systems**

B.S., Southwestern State College; M.B.E. University of Tulsa; Additional study, University of California at Los Angeles

At Oklahoma Christian since 1958... works to produce administrative assistants with word processing, desktop publishing, and computer abilities for the electronic office... 1977 Gaylord Chair of Distinguished Teaching... works in promoting missions and evangelism—served as a missionary to Vietnam, directs summer campaign efforts in Germany, assists campaign efforts in many other areas of the world, sponsors Outreach... first Vienna Studies sponsor in 1986... serves as an elder at the Memorial Road church... member of the National Business Education Association.

### **James Cail** **Professor of Sociology**

A.A., Oklahoma Christian College; B.A., Abilene Christian University; Ph.D., Baylor University

A former Oklahoma Christian student leader in music and debate... teaches in both sociology and psychology... Ph.D. dissertation at Baylor University on psychologist B.F. Skinner's philosophy... widely known preacher and speaker... worked at OC in admissions for several years before becoming a member of the faculty... 1980 Gaylord Chair of Distinguished Teaching... marriage counselor... Oklahoma Christian faculty since 1972... song leader for Quail Springs congregation.

## ADMINISTRATION & FACULTY

### *Faculty & Staff*

### **James Carter** **Assistant Professor of Marketing**

B.S., Arkansas Tech University; M.B.A., University of Arkansas

Varied experiences in business... consultant and market researcher for local business firms... former member of a television news staff in Amarillo, Texas... formerly an associate minister at Central in Amarillo... special interest in marketing, advertising, church growth studies, and video production.

### **James Cutbirth** **Associate Professor of Engineering**

B.S.E. and M.S. in Engineering, University of Texas at Austin

Completed additional graduate studies in mathematics at the University of Texas... seven years as a professional engineer... past owner and operator of an automobile dealership in Texas... has been involved in primary research for the space shuttle... has preached in several congregations... has worked as little league baseball coach... active in teaching young people at church... led Oklahoma Christian's development of engineering program.

### **Ralph DeBoard** **Associate Professor of Computer Science**

B.A., Oklahoma Christian University of Science and Arts; M.S., Wright State University; Ph.D. candidate at Texas A & M University

Chairman of the Department of Math and Computer Science... An outstanding student leader at Oklahoma Christian... 5 years of service in the Air Force... has had experience as data processing operations manager for a junior college... recognized as a distinguished teacher at the institution where he taught before coming to OC... served as associate minister and song leader in Texas... very active in professional computer science organizations... more than ten years of teaching experience.

### **Patrice DeLorenzo** **Assistant Professor of Art and Design**

B.F.A., Southeastern Massachusetts University; M.F.A., Southern Illinois University

Came to Oklahoma Christian in 1989... member of the College Art Association and the South Shore Art Association... attends Britton Road church... enjoys painting, running, hiking and collecting books.

## FACULTY Continued

### **Max Dobson** Professor of Physical Education Athletic Director

B.S., Phillips University; M.Ed., Northwestern State College; Ed.D., Oklahoma State University

Holds the doctorate in higher education with an emphasis in physical education from Oklahoma State University... has been at Oklahoma Christian since 1966... coached baseball from 1966-1980 with 1972 team placing 3rd nationally... past coach of the Lady Eagles (1977-85) compiling a record of 173 wins and 80 losses... Sooner Athletic Conference Coach of the Year 1981, 1984, 1985... won State Championship in 1980 and Sooner Conference in 1984... serves on NAIA Executive Committee... past president of the Oklahoma Association of Health, PE and Recreation... taught at elementary and secondary school levels... member of American Association of Health, Physical Education and Recreation... deacon at Memorial Road church of Christ... 1975 Gaylord Chair of Distinguished Teaching.

### **James Elkins** Associate Professor of Mechanical Engineering

B.S.M.E. and M.S.M.E., University of Nebraska

Came to Oklahoma Christian in 1987 after twenty years with the U.S. Navy... registered professional engineer... varied responsibilities in facilities engineering and construction management... specialist in facility mechanical system design and construction processes... construction contract administrator... active in local church work... adult Bible school teacher... has traveled throughout the world... lived in Italy three years... numerous awards for superior performance on Navy assignments.

### **Penny Eubank** Instructor of Speech

B.A., Oklahoma Christian University of Science and Arts; M.A., Abilene Christian University

Member of the society for intercultural education... interested in organizational communication... assisted with the publication of an organizational communication textbook... selected "Outstanding Young Woman of America" for 1989... active in congregational music ministry... participated in numerous musical groups as a student at Oklahoma Christian.

### **Lois Exendine** Professor of Education Chair, Division of Education

B.S., Southwestern Oklahoma State University; M.S., Northeastern Oklahoma State University; Ed.D., University of Oklahoma

Holds the doctorate in reading and educational psychology... is past president of the Oklahoma Higher Education Reading Council and the Midstate Phi Delta Kappa chapter... is a member of the International Reading Association... has extensive experience teaching elementary school

in several school systems... has been honored as recipient of the Merrick Award for preparation of teaching materials about America's economic system... is widely travelled, having worked for a summer in missionary and teaching work at Ibaraki Christian College in Japan.

### **Leonard Feuerhelm**

#### Professor of Physics

B.S., M.S. and Ph.D., Oklahoma State University

Dissertation in luminescence of solids... teaching emphasis in optics and solid state physics... member of American Association of Physics Teachers and Sigma Xi... private pilot... has consulted for FAA on several projects... active Bible teacher at Edmond church... preaches part-time at Colony, OK... at Oklahoma Christian since 1976... received the 1988 Merrick Award

### **Stephanie Findley**

#### Instructor of Physical Education

B.S.E., Oklahoma Christian University of Science and Arts; M.S., Central State University

Serves as women's basketball coach... played basketball at Oklahoma Christian for 4 years... graduated summa cum laude from OC in 1982... nominated for Outstanding Graduate Student at CSU in 1984-85... member of the American Alliance of Health, Physical Education, Recreation and Dance and the OAHPERD... NAIA District IX Coach of the Year, 1986.

### **Harold Fletcher**

#### Professor of Music

B.A., B.M. and M.M., Hardin Simmons University; Ph.D., University of Oklahoma

Member of Oklahoma Christian's original faculty in 1950... has won awards for his compositions... has major interests in music history and music literature; special interest in American music of all kinds... additional graduate study at the University of Tulsa and Oklahoma City University... composed the words and music to the Oklahoma Christian alma mater... Minister of Music at Mayfair church of Christ for 25 years... 1978 Gaylord Chair of Distinguished Teaching.

### **John Fletcher**

#### Instructor of Music

B.A., Oklahoma Christian University of Science and Arts; M.M., University of Missouri-Kansas City; other coursework at University of Oklahoma and Central State University

Chairman of the Department of Music... director of Oklahoma Christian symphonic, jazz, and pep bands... member of several professional organizations including the College Music Society, International Association of Jazz Educators, and the Music Educators National Conference... serves as Minister of Music at Mayfair church of Christ in Oklahoma City... taught at Garden City (Kansas) Community College from 1985-87... honored as an Outstanding Young Man of America, 1986... special interests in fields of music theory and jazz.

### **Mary Helon Fletcher** Special Instructor in Music

B.A., Abilene Christian University

Holds the B.A. in music... has taught in public schools and taught three years at Abilene Christian University... has taught private piano for 38 years... has served as Oklahoma Christian accompanist since 1950... teaches private lessons in piano for OC students... member of OC faculty since 1963.

### **Michael Fowler** Professor of Biology

B.S., Oklahoma Christian University of Science and Arts; Ph.D., Ohio State University; Post-doctoral study, University of Oklahoma Health Sciences Center

Chairman of the Department of Natural Sciences... Alumnus of Oklahoma Christian, teaching experience at Ohio State University, Ohio Valley College and OU Health Sciences Center... Clinical Chemist and Toxicologist at Mercy Health Center and St. Anthony's Hospital... member of American Association for Clinical Chemistry... active in clinical chemistry research with an emphasis on drug screening and toxicology... active in domestic mission efforts, teacher and deacon at Memorial Road church of Christ.

### **Kimberley Kay Gaither** Assistant Professor of Biology

B.S., Oklahoma Christian University of Science and Arts; M.S. and Ph.D., University of Oklahoma

1981 Oklahoma Christian alumnus... received numerous scholastic awards and fellowships including the Sigma Xi Advanced Graduate Student Research Award, 1987 and Oklahoma Medical Research Foundation Fellowship, 1985-87... also widely published in medical journals... presenter of papers and lectures in Texas, Ohio, New York, Washington, D.C., California and England... raised in Oslo, Norway in a missionary family... participates as March of Dimes Volunteer... mother of two.

### **Merle K. Gatewood** Assistant Professor of English and Foreign Language

B.A., Drew University; M.A., Sorbonne (Paris); additional graduate study, University of Wisconsin, Central State University

Studied in French and Spanish-speaking countries... experience teaching high school... first taught at Oklahoma Christian from 1972-78; returned in 1983... active in promoting foreign languages in Oklahoma... oversees the OC Writing Center... advises English Education majors.

### **Loren G. Gieger** Associate Professor of Bible

B.A., Abilene Christian University; M.Div., Southwestern Baptist Theological Seminary; Ph.D., Southwestern Baptist Theological Seminary

Preached for churches of Christ in Oklahoma, Texas, and Michigan for over twenty years... assistant professor of Bible and Greek at Michigan Christian College for three years before coming to Oklahoma Christian in 1984... added to Bible graduate faculty in 1988... each year speaks

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in several gospel meetings, conducts Bible teacher workshops, and teaches on college lectureships, and for area congregations... sponsors campaigns in England and Greece... Ph.D. major in New Testament with minors in archaeology and ethics.

**Michael Gipson**  
**Professor of Biology**

B.S.E. Oklahoma Christian University of Science and Arts; M.S.E., Arkansas State University; M.Ed., Central State University; Ph.D., University of Oklahoma

Studied at OU biology station... has served as minister at 31st & Penn congregation in Oklahoma City since 1971... member of Oklahoma Christian faculty since 1970... active in research in Science Education... on board of Oklahoma Science Teachers Association... Mellon Fellowship recipient, 1989.

**Peggy Gipson**  
**Assistant Professor of English**

B.S.E., Oklahoma Christian University of Science and Arts; M.A., Central State University

Alumnus of Oklahoma Christian... taught English in high school... member of South Central Modern Language Association... consultant for the Oklahoma Writing Project... active in Oklahoma City Writers and Oklahoma Writers Federation... a published author.

**William P. Goad**  
**Associate Professor**  
**of Information Systems**

B.S., Oklahoma Christian University of Science and Arts; M.B.A., Abilene Christian University; Ed.D., Oklahoma State University

Student leader at Oklahoma Christian... active in summer campaign efforts in Germany... Bible school teacher... experienced in computer information systems and the applications of computers in business... holds Certificate in Data Processing (CDP) from Institute for Certification of Computer Professionals... 1989 sponsor of Vienna Studies Program.

**Richard M. Greenhaw**  
**Professor of Computer Science**  
**and Mathematics**

B.S., Central State University; M.S., Oklahoma State University; Ed.D., Oklahoma State University

Applies mathematics to practical business procedures... experience in actuarial-data processing... recipient of NDEA Fellowship for graduate study, 1970-73... named Outstanding Doctoral Candidate in Mathematics at Oklahoma State University, 1979... member Mathematical Association of America and Association for Computing Machinery... at Oklahoma Christian since 1975... NEH summer seminar 1984 at Yale.

**Elmo Hall**  
**Professor of English**

B.A., Harding University; M.A., Texas Christian University; Ph.D., Oklahoma State University

At Oklahoma Christian since 1967... deacon at the Memorial Road church of Christ... for nine years accompanied OC students to the Caribbean—

mainly Belize and Trinidad—to assist in two-week gospel campaigns... member of South Central Modern Language Association, association of Teachers of Advanced Composition and Conference on Christianity and Literature... sports fan; announcer of OC home basketball games... selected for Mellon seminar at Rice... has written a handbook on preparing for summer campaigns... OSLEP Coordinator for OC.

**Dan Hays**  
**Professor of Physical Education**

B.S. and M.S., Eastern New Mexico University; M.Ed., Eastern Washington University

Coach at Northwestern Oklahoma State University 1978-83... twice named Oklahoma Intercollegiate Conference Coach of the Year... shared the District IX coach of the year honor in 1982... coached six years in high school and served as assistant basketball coach and head tennis coach at Southeastern Oklahoma State University... Sooner Athletic Conference Coach of the Year 1984-85, 1985-86, 1988-89... District 9 NAIA Coach of the Year 1984-85... Vice President of the NAIA Basketball Coaches Association... director of Oklahoma Christian cage camps, largest in the state.

**Randy Heath**  
**Associate Professor**  
**of Physical Education**

B.S.E., Oklahoma Christian University of Science and Arts; M.S.E., Central State University; Additional study, University of Oklahoma

Alumnus of Oklahoma Christian with eight years teaching and coaching experience in public schools... competed in cross country and track at OC... head cross-country coach... head track coach... teaches theory and activity courses... at OC since 1977.

**Phil Heffington**  
**Associate Professor of Social Work**  
**and Sociology**

B.A., Central State University; M.S.W., University of Oklahoma

A former student at Oklahoma Christian... over ten years of professional experience in social work with Christian child care, child placement, and family service agencies... teaching experience at David Lipscomb University and Abilene Christian University... frequently involved in mission campaigns to Central American and Mexico... licensed as clinical social worker and social work administrator.

**Geneva Hoover**  
**Assistant Professor of Library Science**

B.S., Middle Tennessee State College; M.L.S., George Peabody College for Teachers

Helps students locate research material... holds a masters degree in library science from George Peabody College... served as assistant librarian at Oklahoma Christian from 1965-1971... returned to OC as reference librarian in 1979... teaches classes in children's literature... member of OLA, Reference Roundtable, ALLCED, Automation Roundtable, OBIC, Phi Delta Kappa, ACRL... designed a Bible class curriculum for babies and toddlers.

## ADMINISTRATION & FACULTY

### Faculty

**Mark Hornbaker**  
**Assistant Professor of Music**

B.M., Arizona State University; M.A. and D.M.A., University of Iowa

Doctorate in vocal performance and pedagogy... intense work as a Fulbright Scholar on resurrecting songs by nineteenth century Croatian composer Vatroslav Lisinski... performed Lisinski's work on national radio and television in Yugoslavia... appeared as soloist in many operas and oratorios such as "La Boheme" and Handel's Messiah"...has speaking skills in the German and Serbo-Croatian languages... married with two children.

**Alex Humphrey**  
**Adjunct Instructor in Bible**

B.S., M.A. and S.T.B., Abilene Christian University

Long-time reputation as a preacher... former member of the Bible faculties at Fort Worth Christian College, York College, and Ohio Valley College... preached in Texas, Nebraska, Kansas, and other states... New Testament specialist.

**Gary Hurst**  
**Media Center Director**

B.S., Oklahoma Christian University of Science and Arts; M.S., Oklahoma State University

Media Center Director at Oklahoma Christian since 1981... more than eleven years experience in administration of audio-visual services... active member of International Television Association... photographer... videographer... sound technician... special interests in television production and multi-media instruction.

**John Inman**  
**Director of Freshman Advisement**

B.S.E., Oklahoma Christian University of Science and Arts; M.Ed., Central State University

Coach of Oklahoma Christian Eagles baseball team... sponsor of freshman class... advises freshmen on spiritual, social, and academic matters... has several years teaching and coaching experience... previously involved in farming and marketing.

**Kevin E. Jacobs**  
**Assistant Professor of Business Law**

B.S., Oklahoma Christian University of Science and Arts; J.D., Vanderbilt University

An alumnus of Oklahoma Christian... serves as General Counsel for the College... has served as associate minister and youth director for two area congregations... teaches primarily business law and federal taxation.

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## FACULTY Continued

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### **Curtis Janz**

#### **Instructor in Physical Education**

B.S.E., Oklahoma Christian University of Science and Arts; M.S., Central State University

Assistant basketball coach for Oklahoma Christian Eagles... member NAIA coaches association and Fellowship of Christian Athletes... served as student assistant coach at OC for three years while earning his B.S.E.... graduate studies in progress at Central State University.

### **Marge Jennings**

#### **Associate Professor of Family Relations-Child Development**

B.S., Oklahoma State University; M.S., University of Oklahoma; Ph.D., Oklahoma State University

Specialized interest in family life and child development... experienced as editorial consultant and writer... author of *Decision in Living*, a family life text... further experiences in the fields of dietetics and education.

### **William E. Jones**

#### **Professor of Bible**

B.A., Abilene Christian University; B.D., Southwestern Baptist Theological Seminary; M.A., Abilene Christian University; Th.D., Southwestern Baptist Theological Seminary

Has served many churches throughout the region as preacher... received bachelors and masters degree from Abilene Christian University... at Oklahoma Christian since 1962... added to graduate Bible faculty in 1988... conducts faith clinics around the country dealing with problems of doubt concerning faith as well as studies of unbelief and Christian morals... a member of the Society of Biblical Literature and Exegesis... has preached regularly since 1949.

### **Larry Journey**

#### **Professor of Mass Communication**

B.A., David Lipscomb University; M.A., University of Tennessee, Ph.D., University of Michigan

At Oklahoma Christian since 1985... long-time personal interest in theatre and drama... a specialist in religious broadcasting and cable television... many years of experience as teacher and dean at Michigan Christian College... preaches regularly... sponsors KOCC... strong commitment to Christian education.

### **Darvin Keck**

#### **Professor Emeritus of Biology**

B.S., Oklahoma State University; M.S. and Ph.D., Oklahoma State University

An expert on lichens... at Oklahoma Christian from 1956 to 1988... Gaylord Chair of Distinguished Teaching... a member of Oklahoma Academy of Science and American Bryological and Lichenological Society... has worked at biology stations at University of Oklahoma and University of Michigan... elder in the church...

served as counselor for nursing majors... has led student groups to Belize and Trinidad.

### **Donald Leftwich**

#### **Assistant Professor of Mathematics and Computer Science**

B.S., Oklahoma Christian University of Science and Arts; M.A., University of Oklahoma; Additional study, University of Oklahoma

1975 graduate of Oklahoma Christian... masters degree in mathematics... experience in computer and data processing related work... interested in computer games and simulations... doctoral studies in computer science in progress at the University of Oklahoma... involved in development of Bible learning software.

### **Howard Leftwich**

#### **Professor of Business**

B.S., Wichita University; M.A., University of Oklahoma; D.B.A., University of Oklahoma

Chairman of division of business... had many years experience in the business world before becoming a college teacher... is a C.P.A.... teaches in accounting and economics... at Oklahoma Christian since 1967... 1983 Gaylord Chair of Distinguished Teaching... an elder in the church... has written a business simulation used by many colleges and universities.

### **Sandra Lockwood**

#### **Instructor, Technical Processing Librarian**

B.S.E., Oklahoma Christian University of Science and Arts

Served on the Oklahoma Department Library/Continuing Education Task Force for 1979-1983... traveled in Western Europe, Hungary, and Israel... attended Christian Colleges Library Conferences... member of OLA, Technical Processing Roundtable... is active in Bible teaching, Russian radio broadcasting work, and foreign campaigns.

### **Harold Logan**

#### **Associate Professor Accounting**

A.A., Cameron State College; B.S., East Central Oklahoma State University; M.A., University of Oklahoma; Ph.D. candidate, University of Oklahoma

At Oklahoma Christian since 1980... M.A. in accounting from University of Oklahoma... doctoral candidate at University of Oklahoma... C.P.A. and member of American Accounting Association... formerly at Oklahoma Baptist University... active Bible teacher... ten years revenue officer with IRS... various positions in finance management.

### **Avon Malone**

#### **Associate Professor of Bible**

B.A. and M.A., Abilene Christian University

More than 20 years of full-time church work... a basketball enthusiast... a distinguished reputation as a preacher... has a special commitment to training preachers... has taught in two schools of preaching: Bear Valley in Denver, and Preston Road in Dallas... taught eleven years on Harding

University's Bible faculty... at Oklahoma Christian since 1985... a specialist in the Pauline writings—has video-taped lessons on Philippians, Ephesians, Timothy-Titus, and Thessalonians and evangelistic lessons... preaches several gospel meetings each year and speaks widely on college campuses and in lectureships... has authored several tracts and co-authored a book with his brother David, *Drawn to Christ*, which portrays the life and work of their father, Joe Malone... has recently completed a devotional commentary on Philippians... listed in "Who's Who in the South and Southwest"... married and the father of three grown children.

### **John Maple**

#### **Associate Professor of History**

B.A., Oklahoma Christian University of Science and Arts; M.A., University of Virginia; M.Phil. and Ph.D., University of Kansas

Alumnus of Oklahoma Christian... recipient of the 1972 President's Medal for highest academic record in his class... a student of European history with specialization in British medieval history and methods of historical research... member, American Historical Association and Medieval Academy of America... sponsor of Phi Alpha Theta... sponsor of 1988 Vienna Studies Program... sponsor of History Day for Oklahoma County schools.

### **Wendolyn Maxwell**

#### **Assistant Professor of Education**

B.A. and M.Ed., Central State University

Specializes in middle and high school teaching, having taught history, social studies and English at the former Living Word Academy and in Oklahoma City Public Schools... has served six years as a counselor at Rogers Middle School... belongs to OEA/NEA, APGA, OPGA, PDK, AC/A with LD and has served as an officer in several organizations... enjoys traveling, reading poetry and short stories.

### **Bailey McBride**

#### **Professor of English**

A.A., Central Christian College; B.A., David Lipscomb University; M.A. and Ph.D., University of Tennessee

An alumnus of Bartlesville days... back as a teacher since 1966, and since 1975 has been academic dean... student of eighteenth century literature with interest in all the arts... sponsor of Oklahoma Christian's chapter of the national scholarship society Alpha Chi... an elder in the church... a member of South Central Modern Language Association and the Modern Language Association.

### **Hugo McCord**

#### **Professor Emeritus of Bible**

B.A., University of Illinois; M.A., University of Tulsa; B.D., Southern Baptist Theological Seminary; Th.D., New Orleans Baptist Theological Seminary

Known for his thorough knowledge of the Bible in both English and in the Greek and Hebrew original tongues... known as a preacher for local congregations and in meeting work... a minister since 1928... has written books, Bible school

materials and many articles...traveled in the Holy Land...taught at Oklahoma Christian from 1953 to 1981.

### **Joe McCormack**

#### **Associate Professor of English**

B.A., Central State University; M.A.T., Southwestern Oklahoma State University, Additional study, Oklahoma State University.

Alumnus of Oklahoma Christian, was a varsity basketball player and editor of the yearbook...taught English in high school...an elder in the church...a teacher at OC since 1967... member of South Central Modern Language Association and Teachers of English to Speakers of Other Languages...member of conference on Christianity and Literature...spent one year as visiting professor at Ibaraki Christian College in Japan...chairman of International Studies...further work at Oklahoma State University.

### **Robert McMillan**

#### **Distinguished Professor of Mathematics**

A.A., Oklahoma Christian College; B.A., Abilene Christian University; M.S. and Ed.D., Oklahoma State University

An Oklahoma Christian graduate in 1959...at OC since 1969...taught at Memphis State University...taught in India under NSF program...received an NEH fellowship at Yale University...Governor of the Oklahoma-Arkansas section of the Math Association of America...1982 Gaylord Chair of Distinguished Teaching.

### **Lynn McMillon**

#### **Distinguished Professor of Bible**

B.A., Oklahoma Christian University of Science and Arts; M.A. and M.Th., Harding Graduate School of Religion; Ph.D., Baylor University

At Oklahoma Christian since 1966... has had post-doctoral study in New Testament at Oxford University and in family therapy with the Menninger School of Psychiatry... has published books and articles on marriage and family, and the Restoration Movement... is a licensed professional counselor... regular speaker on the lecture circuit for Christian colleges... an avid runner... 1985 Gaylord Chair of Distinguished Teaching... added to Bible graduate faculty in 1988... chairman, Graduate Biblical Studies.

### **Gail Nash**

#### **Instructor of English**

B.A., Oklahoma Christian University of Science and Arts; M.A., Oklahoma State University

Specializes in teaching developmental writing and technical writing ... member of Sigma Tau Chi, honorary fraternity, Society for Technical Communications, TESOL, and South Central Modern Language Association... enjoys working with international students... involved as Bible teacher in local congregation... broad travel experience to countries such as Portugal, Spain, France, Holland, Italy, Germany, Austria and South Africa.

### **Lynn Nored**

#### **Associate Professor of Engineering**

B.S.E.E., Texas Tech University; M.S.E.E., Southern Methodist University

Registered Professional Engineer... 24 years of industrial experience... pioneering work in communications and microprocessor based systems... conducts industrial seminars... active consultant in telecommunications... extensive strategic planning and management experience... served as deacon and elder experienced in group dynamics and group discussion teaching... leadership speaker... married and father of four.

### **R. Stafford North**

#### **Professor of Speech and Bible**

B.A., Abilene Christian University; M.A., Louisiana State University; Ph.D., University of Florida

At Oklahoma Christian since 1952... was dean of instruction from 1958 to 1970 ... dean of the college from 1970 to 1974 when he was named executive vice president... has taught homiletics at OC since 1952... leader in the use of new teaching methods...added to Bible graduate faculty in 1988... has preached since 1948... specialist in the Book of Revelation... has written books, tracts and articles in both education and religion... an elder in the church.

### **Howard Norton**

#### **Professor of Bible**

B.A., Abilene Christian University; M.A., University of Houston; Ph.D., University of Sao Paulo

First Missionary in Residence at Oklahoma Christian... editor of the *Christian Chronicle*... missionary to Brazil from 1961 to 1975 ... preached in Houston and Oklahoma City; currently pulpit minister for Memorial Road church... directs annual campaign to Brazil, and alternate years in Portugal... father of three... a student of mission methods... widely recognized as an excellent speaker in behalf of missions... chairman of OC's Division of Bible... added to Bible graduate faculty in 1988.

### **Michael J. O'Keefe**

#### **Professor of Art and Design**

B.A., B.S., Harding University; M.F.A., University of North Texas

Past designer for Witherspoon & Assoc, Art Director for Lowe Runkle Co., Asst. Art Director for Holderby Assoc., Asst. Production Manager for Jordan Assoc., Creative Director for Brent Gooden & Co... member and past President of Graphic Communication Society of Oklahoma... member of Oklahoma City Advertising Club... 26 local, regional and national advertising awards... Distinguished Harding University Alumnus Award... selected as one of the top educators in Oklahoma by KOCO-TV in 1989.

### **Jerald Parker**

#### **Professor of Mechanical Engineering**

B.S. and M.S., Oklahoma State University; Ph.D., Purdue University

## ADMINISTRATION & FACULTY

### Faculty

Active in engineering consulting, teaching, community service and church work ... has written extensively in field of engineering including two books... selected by DuPont as "Year in Industry" professor in 1970... Fellow, American Society of Mechanical Engineers... Commissioner for Boy Scouts Roundtable... served as elder for Stillwater congregation for 23 years... widely traveled in countries such as Kuwait, El Salvador, Egypt, Kenya, Denmark, Turkey, and Germany.

### **Philip Patterson**

#### **Associate Professor**

#### **of Mass Communication**

B. A., Lubbock Christian University; M.A., Abilene Christian University; Ph.D., University of Oklahoma

Chairman of the Department of Communication... developed publications for recruitment and promotion at two other private colleges... author of *Media Ethics: Issues and Cases*... named one of 10 outstanding teachers in journalism ethics by Poynter Institute for Media Studies... on review board of *Journal of Mass Media Ethics*... former assistant to college president at Lubbock Christian University... 1988 Gaylord Chair of Distinguished Teaching.

### **Troy Pemberton**

#### **Professor of Engineering**

B.S.E.E., M.S.E.E., and Ph.D., Oklahoma State University

A registered electrical engineer... twenty-one years with Phillips Petroleum and their subsidiary, Applied Automation, working in process control and business development... father of four... previously an elder in the church ... chairman of the engineering department... at Oklahoma Christian since 1986.

### **John Pennisi**

#### **Associate Professor of Bible**

B.S., University of Florida; M.S., Abilene Christian University; B.D., Southwestern Baptist Theological Seminary

Preacher since 1956... missionary to Brazil 1961-1978... former speaker for World Radio Brazil... wrote books and tracts published in Brazil... former dean of Sunset School of Preaching... at Oklahoma Christian since 1981... sponsor of summer missions campaigns... director of Leaders for Christ seminar since 1983... sponsor of Harvesters 1981-1988... minister of Britton Road church since 1981... member of Continent of Great Cities Task Force... father of three.

## FACULTY Continued

### Lora Postelwait

#### Instructor of Mass Communication

B.A., Oklahoma Christian University of Science and Arts; M.A., Abilene Christian University

Member Kappa Tau Alpha, national journalism honor society... interested in aerobics, softball, and photography... editor of the Oklahoma Christian *TALON* when it received "All American" honors in 1984-85... selected as "Outstanding Young Woman of America" in 1989... two years as editor of the *Pepperdine Voice* at Pepperdine University... served as senior editor of a national publication in Houston, Texas.

### Philip Reagan

#### Instructor in Speech

B.A., Harding University; M.A., Memphis State University

Received M.A. in theatre from Memphis State University... participated in dramatic productions at both schools... served as associate director of the Tennessee Fine Arts Center's Summer Theatre Workshop in Nashville... taught at David Lipscomb High School six years... has directed 40 or so major dramatic productions, and as an actor was with His Players, a Christian theater company in association with Pepperdine University... member of Alpha Psi Omega and Iota Beta Sigma... directs drama productions and serves as acting Director of Theatre... at Oklahoma Christian since 1979.

### John Robert Reynolds

#### Assistant Professor of Spanish

B.A., Abilene Christian University  
M.A., Texas Tech University

Has taught Spanish at three universities... active in professional organizations... frequent travel in Mexico and South America... Ph.D. candidate, University of Texas (Austin).

### Coralee Risley

#### Assistant Professor of Education

B.S.E., Oklahoma Christian University of Science and Arts; M.Ed., Central State University

Taught special education in Oklahoma City schools for several years... active in education program at Quail Springs church of Christ... an alumnus of Oklahoma Christian.

### James A. Rix

#### Professor of Finance

B.S. and M.S., Abilene Christian University; Ph.D., University of Arkansas

Came to Oklahoma Christian in 1989... is a C.P.A... member of the Texas Society of C.P.A.'s, American Institute of C.P.A.'s, and the Federation of Financial Analysis... served as a deacon at the Richland Hills church of Christ... past president of the Lion's Club... likes all sports and most music, especially opera and barbershop... spent 11 years coaching summer baseball from little league to high school... has published a book,

*Financial Guide for Elders*, and several articles on finance... received the accounting excellence award as an undergraduate, was a member of Alpha Chi, and graduated magna cum laude... as a graduate student he belonged to Beta Alpha Chi, national accounting fraternity.

### Brad Robison

#### Assistant Professor of Library Science, Library Director

B.A., Oklahoma State University; M.L.S., University of Oklahoma; M.A., Central State University; Ed.D. candidate, Oklahoma State University

At Oklahoma Christian since 1979... Assistant Archivist and head of State Records Center from 1974-79... member of Phi Delta Kappa, Association of Library and Learning Center Directors since 1979... member of Metropolitan Libraries Network of Central Oklahoma... is widely travelled, having worked in Japan, Korea, and the Soviet Union on summer missions projects and visited Germany and Yugoslavia on personal excursions... member of the Memorial Road church since 1976... selected Outstanding Young Man of America in 1984... working on a doctorate in higher education administration at Oklahoma State University... faculty sponsor for Delta Gamma Sigma social service club since 1983.

### Roland Schultz

#### Professor of Chemistry

B.S., Mankato State College; Ph.D., University of Iowa

Teaches principally in organic and analytical chemistry... at Oklahoma Christian since 1968... member of Sigma Xi, American Chemical Society... serves as a deacon in the church.

### Kathy Sharpe

#### Director of Photography

B.S., East Texas State University

Received bachelor's degree in commercial photography... member American Society of Magazine Photographers... has done freelance work in Dallas and Oklahoma City... hobbies include outdoor sports such as catamaran sailing, competitive swimming, snow skiing and softball.

### Arthur Sheldon

#### Associate Professor of Engineering

B.S.E.E., Michigan State University; M.S.E.E., Florida Institute of Technology

Worked 24 years as engineer for Harris Corporation... experience in system engineering, system integration, satellite telemetry and communications terminals... 4 years in U.S. Navy working with guided missiles... served 11 years as deacon for Melbourne church of Christ in Florida... teaches teen and adult Bible classes... enjoys camping, canoeing, wood working and travel.

### Gary Shreck

#### Professor of Education

#### Director of Teacher Education

B.S.E., Oklahoma Christian University of Science and Arts; M.S., Oklahoma State University; Ed.D., University of Oklahoma

Served as an elementary teacher and principal... was coordinator of teacher education and certification for the Oklahoma State Department of Education... past president of the Oklahoma Association of Teacher Educators and of the Oklahoma Higher Education Reading Council... member of Phi Delta Kappa, the International Reading Association and the National Association of Teacher Educators... 1987 sponsor of Vienna Studies program... active in community and church activities... serves as a deacon at a local congregation.

### Paulette Shreck

#### Assistant Professor of Education

B.S.E., Oklahoma Christian University of Science and Arts; M.Ed., Central State University; M.A., Oklahoma State University

Has had teaching experience in all levels of early childhood education with work in public and private schools... has extensive experience in supervising early childhood programs in Bible school... is a member of the National Association for the Education of Young Children, the Southern Association for Children Under Six and the Oklahoma Early Childhood Educators' Association.

### Jack Skaggs

#### Associate Professor of Management

B.B.A., Texas A & M University; M.B.A., Southern Methodist University; Ed.D., Oklahoma State University

At Oklahoma Christian since 1981... twenty years with the U.S. Air Force... varied responsibilities in management consultant, team chief at the Leadership and Management Development Center at the Air University... an elder in the church... member of the Oklahoma City Personnel Association and Academy of Management

### Steve Small

#### Assistant Professor

#### of Office Information Management

B.S.E., Oklahoma Christian University of Science and Arts; M.Ed., Central State University

A great sports enthusiast... eleven years of teaching experience at a Christian junior college... a past varsity baseball coach... extremely effective in working with groups... sponsor of OC's PBL club... active member at the Dayspring church of Christ... a popular teacher... specializes in office information management courses.

### Bob D. Smith

#### Dean of Administrative Services and Registrar

A.A., Freed-Hardeman; B.A. and M.A., University of Missouri at Kansas City

At Oklahoma Christian since 1968... Assistant Dean from 1968-70... Dean of Admissions and Registrar from 1970-87... Dean of Administrative Services since 1987... preached in Kansas City and Wichita, Kansas for 20 years; participated in congregational development training, and served on the board of a sister school... led campaign groups to France and Germany... preached locally for eight years... serves as an elder of the Quail Springs church... member Phi Delta Kappa, national education society, and American

Association of Collegiate Registrars and Admissions Officers, national and state.

**O.B. Stamper**  
**Professor Emeritus of Education**

B.S., Oklahoma State University; M.Ed., University of Oklahoma; Ed.D., Texas Technological University

Has worked in elementary, secondary and college education... has taught at several other colleges and universities... a member of Oklahoma Education Association and Association for Teacher Education.

**Melvin Stinnett**  
**Associate Professor of Business**

A.A., Freed-Hardeman College; B.A., Harding University; M.A., University of Alabama

Certified Public Accountant... Twenty-one years with U.S. Air Force as accountant, finance officer, comptroller, and faculty instructor at the Air Command and Staff College... military tours in Vietnam, Japan, Germany... member of American Society of Military Comptrollers, Oklahoma Society of CPAs, and American Institute of Certified Public Accountants... served as elder at Hahn, Germany, deacon at Las Vegas, Nevada and Bible class teacher... soccer coach for youth teams... father of three.

**John Thompson**  
**Associate Professor of History**

B.A., Oklahoma Christian University of Science and Arts; M.A., University of Oklahoma; Ph.D., Purdue University

At Oklahoma Christian since 1980... an alumnus of OC, class of 1978... in leadership and student government... member of the Dean's Honor Roll at OC and OU... member of Southern Historical Association... David Ross Fellowship at Purdue University.

**Cherry Tredway**  
**Assistant Professor of Art and Design**

B.S., Oklahoma State University; M.S., Central State University; Ph.D. candidate, Oklahoma State University

A graduate of Oklahoma State University with vocational home economics emphasis... currently working on a Ph.D... member of Oklahoma Home Economics Association, American Society of Interior Designers, Interior Design Educators Council... specializes in textiles and interior design... OHEA professional award 1976... teaches preschool classes at Mayfair church... at Oklahoma Christian since 1976.

**Jeanine Varner**  
**Associate Professor of English**

B.A., Oklahoma Christian University of Science and Arts; M.A., University of Tennessee; Ph.D., University of Tennessee

Wide range of teaching experience at collegiate level for the University of Tennessee, Michigan Christian College, University of Texas and Texas Lutheran College... specializes in American-French comparative literature... honored as

Faculty Member of the Year at Michigan Christian... Division of Language and Literature chair... selected for Mellon Fellowship at Rice University... serves as consultant-evaluator for North Central Association of Colleges and Schools... Bible class teacher... mother of two.

**John Vincent**  
**Professor of Education**

B.A., Harding University; M.A., Western State College; Ed. D., University of Northern Colorado

At Oklahoma Christian since 1980... sponsor of SOEA... member of Phi Delta Kappa, Kappa Delta Pi, Oklahoma Association of Teacher Education... has served churches as deacon and educational director... teaching experience at the secondary level and the University of Colorado Graduate School... member of Association for Supervision and Curriculum Development and National Science Teacher Association ... 1987 Gaylord Chair of Distinguished Teaching.

**Don Vinzant**  
**Associate Professor of Bible**

B.A. and M.A., Abilene Christian University; D.Min., Austin Presbyterian Theological Seminary

Active in missions; spent twelve years as missionary in Sao Paulo, Brazil... member of Task Force for South America, Harvest Campaigns, Prime Time... has preached for 36 years; currently Educational Director of Edmond church... likes religious book sleuthing... has completed additional graduate studies at Baylor University and Southwestern Baptist Theological Seminary... has published many articles and speaks often for service organizations and at graduations... honored in June, 1989 for leadership provided to the church in Mexico.

**Steve Wagner**  
**Associate Professor of Engineering**

B.S.E.E., University of Nebraska-Lincoln; M.B.A., Indiana University; M.S.E.E., Purdue University

Worked for 15 years with Delco Electronics Corporation, subsidiary of General Motors in design of automotive computer systems... member of Institute of Electrical and Electronic Engineers, Tau Beta Pi, honorary engineering fraternity... father of two.

**Wayne Whaley**  
**Professor of Engineering**

B.S., Oklahoma State University; M.S., Oklahoma State University; Ph.D., Oklahoma State University

Came to Oklahoma Christian in 1989... has written 37 technical papers and one textbook, as well as over 25 publications in national conference/seminar proceedings... Associate Member, American Society of Mechanical Engineers; member, American Society of Engineering Education... a song leader and adult Bible class teacher in the church... a Major in the U.S. Air Force Reserve... enjoys restoring his 1930 Model A Ford.

# ADMINISTRATION & FACULTY

## Faculty

**Tamie Willis**  
**Instructor, Periodical Research Librarian**

B.S., West Texas State University; B.S.E., Central State University; M.L.I.S., University of Oklahoma

Bachelors degrees in psychology and elementary education and masters degree in Library and Information Studies... works with interlibrary loan, computerized literature searching, periodicals, and reference assistance... member of OLA... teaches in the Bible School department at Edmond Church of Christ... at Oklahoma Christian since 1986.

**James Wilson**  
**Professor of History**

B.A., Harding University; M. A., University of Arkansas; Ph.D., University of Oklahoma

At Oklahoma Christian since 1969... has specialized in American history and political science... has preached since college... chairman of division of Behavioral and Social Sciences... 1984 Gaylord Chair of Distinguished Teaching... a member of the American Historic Society, Oklahoma Historical Society and Theta Psi ... works with Psychology Club.

**Arlis Wood**  
**Director of Counseling**

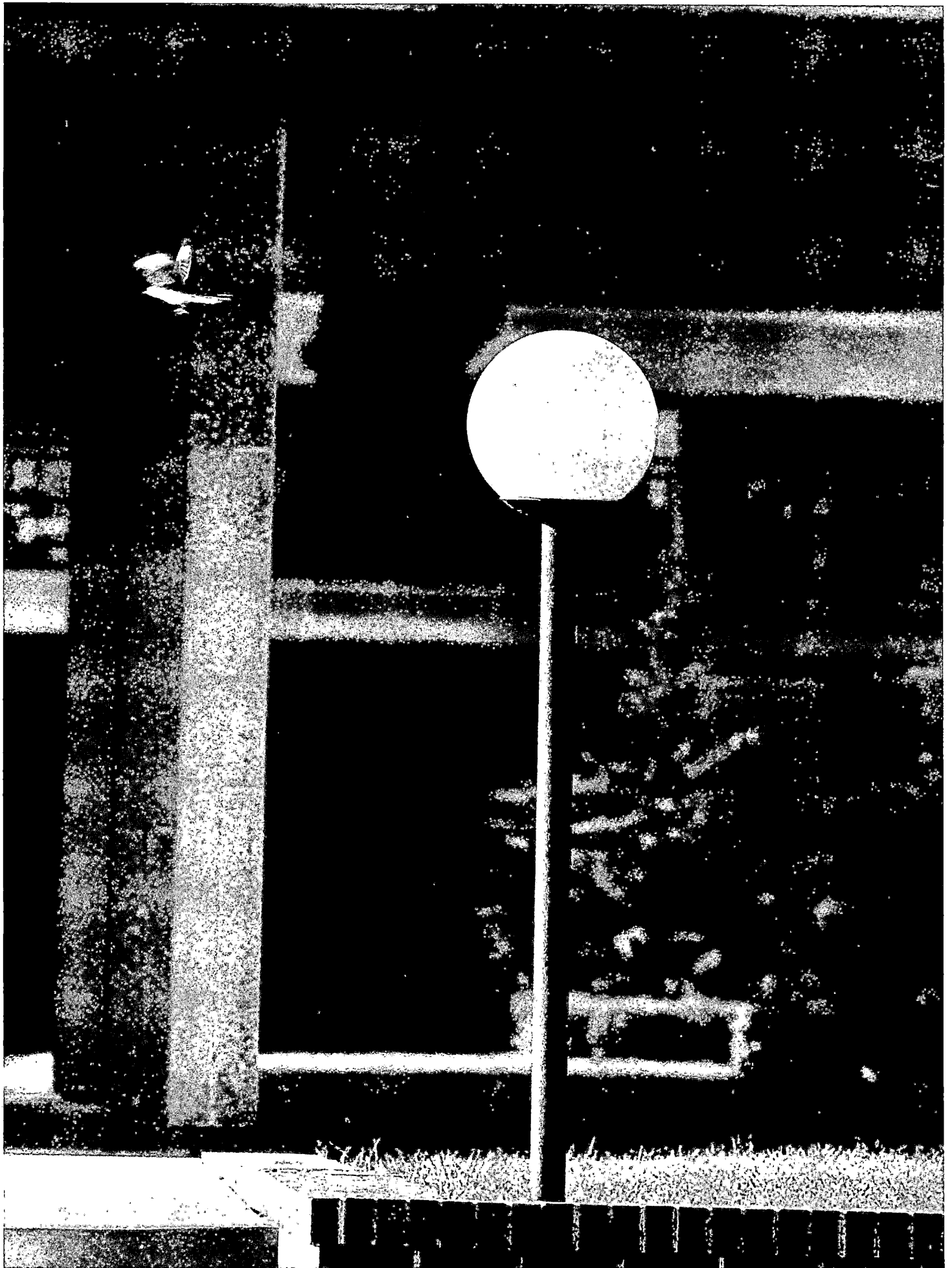
B.A. and M. S., Abilene Christian University; Ph.D., University of Oklahoma

Licensed psychologist... experienced as a psychological counselor... administrative experience in social agencies... teaching experience at OU... frequent participant in workshops for Christian development... member and chairperson, 1985 Legislative Committee, Oklahoma Psychological Association... member of American Psychological Association and National Registry of Health Service Providers in Psychology... President of Oklahoma Psychological Association in 1989.

**Mark Woodward**  
**Associate Professor of English**

B.A., Harding University; M.A., University of Mississippi; Ph.D., University of Texas at Dallas

At Oklahoma Christian since 1979... teaches English and German... doctoral studies at University at Hannover, where he also taught... author of three study books in the *Let's Start Talking* series for teaching English using Bible texts... mission work in West Germany from 1971-1979... active in European campaigns and student mission programs.



# About FINANCIAL INFORMATION

Since many students need financial help to attend college, Oklahoma Christian provides a wide variety of financial aid programs. Money for college is available from different sources including federal aid programs, state aid programs, loans, grants, scholarships and on-campus and off-campus jobs.

Records for a recent year show that more than 80 percent of OC students received financial assistance. The ACT Family Financial Statement available from the OC financial aid

office determines eligibility for aid.

No student should be unable to attend Oklahoma Christian because of financial need.

The cost of attending Oklahoma Christian is comparable to the cost of attending many other colleges and universities. OC is the least expensive of the four-year Christian universities.

As a private university, Oklahoma Christian does not charge out-of-state tuition. All students pay the same amount.

## TYPICAL EXPENSES

Typical expenses for one trimester at OC:

<b>Tuition and Fees</b>	
For 12-16 semester hours .....	<b>\$2,125</b>
Room (\$640-680) .....	665
Board (\$585-635) .....	605
Mandatory Fees .....	75
<b>TOTAL</b> .....	<b>\$3,470</b>

The academic charge of \$2,125 per trimester for 12 to 16 semester hours is made in a lump sum to simplify book-keeping and so students and parents can anticipate charges. It is based on an average tuition rate of \$134 per semester hour plus the normal fees that students pay in most universities.

All academic fees are included in this \$2,125 except those for a few courses with unusually high costs such as private music, science and computer laboratories, secretarial science laboratories, and off-campus physical education courses in bowling and practice teaching.

Most students will have no academic fees beyond the standard \$2,125 charge. This fee includes the total cost of athletic events, a yearbook, school newspaper, full use of the library and other benefits which are separate charges at many other schools.

Those enrolling in more than 16 semester hours per trimester pay \$134 for each hour above 16.

## SPECIAL FEES

Admission Fee	
(paid at first enrollment only—not refundable) .....	\$10.00*
Late registration (an additional) .....	20.00
Course changes, drops and adds per change .....	2.50*
Special examinations, each .....	5.00*
Transcripts after the first, each .....	1.50*
Graduation fee .....	28.00*
Room Deposit (credited to first term) .....	35.00*
Student Services, per trimester	
Full time students .....	44.00
Part-time students .....	34.00
Computer Services, per trimester	
Full-time students .....	10.00
Part-time students .....	5.00

\*Payment must be made in cash. See academic divisions for course fees.

## TUITION

<b>Full-time Students:</b>	
12-16 semester hours .....	\$2,125.00
Auditing fee	
per semester hour .....	10.00
Hours over 16	
per semester hour .....	134.00
<b>Special Students (those taking less than 12 hrs.):</b>	
Per semester hour .....	178.50
Non-Credit courses .....	178.50
<b>Audit Students:</b>	
Bible Courses per semester hour .....	20.00
Courses other than Bible per semester hour .....	30.00
Courses requiring participation such as typing, P.E. and similar courses cannot be audited, but may be taken for non-credit at the regular price.	

## FINANCIAL INFORMATION

### Room & Board Charges

#### ROOM CHARGES

##### Women's Residence Halls, per trimester:

Tinius East, air conditioned, carpeted .....	\$640
Tinius West, air conditioned, carpeted .....	640
Gunn-Henderson West, air conditioned, carpeted. ....	655
Gunn-Henderson East, air conditioned, carpeted .....	655
Reba Davisson, air conditioned, carpeted .....	675

##### Men's Residence Halls, per trimester:

Wilson East, air conditioned, carpeted .....	665
Wilson West, air conditioned, carpeted .....	640
Hall C, air conditioned, carpeted .....	655
Hall D, air conditioned, carpeted .....	
Two-occupant room .....	655

(Charges include local telephone service. Students are responsible for purchasing or renting a telephone.)

##### Heritage Heights Apartments

##### Phase I and Phase II (Married Students)

##### Phase III (Single Men)

##### Phase IV (Single Women):

##### Single Students\*

Two Bedroom-per trimester (4 per apartment) .....	745
One Bedroom-per trimester (3 per apartment) .....	680

##### Married Students

Two Bedroom, Furnished-per month .....	380
One Bedroom, Furnished-per month .....	320
Two Bedroom, Unfurnished-per month .....	355
One Bedroom, Unfurnished-per month .....	300

\*Restricted to approved students.

Students may request private rooms when available in the residence halls. The additional cost is \$200 per trimester. Students living in an over capacity room, i.e. three students in a two student room, would each receive a \$45 discount, except in the apartments and Reba Davisson.

## BOARD CHARGES

##### Per trimester:

20 meals per week plan .....	\$635
15 meals per week plan .....	605
10 meals per week plan .....	585

All students living in residence halls must eat in the university cafeteria.

#### SUMMER TRIMESTER CHARGES

The summer trimester has three sessions from three to seven weeks each.

##### Tuition\*

Per hour .....	\$ 178.50
Apartments, per week .....	48.50
Board charges per week	
15 meals per week plan .....	43.50
10 meals per week plan .....	41.75

\*Students attending all sessions pay the regular trimester tuition rates if class load is 12 hours or more.

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## PAYMENT PLANS

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### Plan 1—Cash at Enrollment

The cash plan eliminates all interest and service charges. Students should be prepared to make payment for tuition, fees, room and board on the day of registration, less scholarships and other financial aid.

### Plan 2—Financial Aid

Scholarships, grants and loans are available to eligible students. See page 27 for details. A minimum of \$700 is required at the time of registration. The balance may be paid under plans 1 or 3.

### Plan 3—Trimester Financing

A minimum of \$700 or 20 percent of total charges is required at the time of registration. Exceptions must have written approval of the business manager. Monthly payments are made with a service charge of 1% on the unpaid balance after 30 days. Under plan 2 or 3 a penalty of \$15 may be assessed if the balance is not paid by the thirteenth week.

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## FINANCIAL POLICIES

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### Other financial policies students should know about:

1. Final financial arrangements for the trimester must be completed in the business office by Friday of the thirteenth week, two weeks before the end of the trimester or the student is subject to suspension from all classes.

2. A student is not permitted to take examinations or to graduate until he makes a satisfactory settlement of his account with the business office. No transcripts are sent until accounts are clear in the business office and loan office.

3. Tuition, fees and charges in this catalog are effective September 1, 1990, and are subject to change without notice if conditions necessitate. Food costs are subject to change based on significant increases in food prices and increases in rates charged by ARA Services, Inc.

4. A discount of 10 percent on tuition charges is allowed on the account of each child when two or more full-time, unmarried students are enrolled from the same immediate family. Such allowance, however, does not apply on the account of a student who has a scholarship of any kind. A student, therefore, who is eligible for both the discount and a scholarship may choose the larger. Should one child choose a scholarship, other members of the family may still choose the discount. Married students may also receive this discount; however, it does not apply during the trimester in which the marriage occurs.

5. CSU Classes—Those students who elect to take classes at Central State University and who elect to have the costs billed to OC will have the CSU hours included with their OC hours and be charged at OC rates for the total hours taken. OC will then pay the CSU tuition costs.

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## FINANCIAL INFORMATION

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### Payment Policies

6. Tuition and fee refunds are made to students who officially withdraw from a course or from the university before the seventh week of a trimester.

If the official withdrawal date is during the first or second week of the trimester, an 80 percent refund will be made; if in the third or fourth week, a 50 percent refund, and if during the fifth or sixth week, a 25 percent refund. After the sixth week, no refund will be made.

Full refund is made if a student withdraws from a course before it meets for the first time. Refunds for summer short sessions will be figured on one-half the above time periods.

7. Room and board refunds for students who officially withdraw from the university are made on a pro rata basis, according to the official withdrawal date, and in accordance with the policies of ARA Services, Inc.

8. Dismissal for unsatisfactory conduct is considered voluntary withdrawal.

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## FEDERAL FINANCIAL AID PROGRAMS

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Records for a recent year show that more than 80 percent of Oklahoma Christian students received financial assistance. More than 50 percent were eligible for federal aid and received an average of \$4879 per year through grants, loans and work-study jobs.

### Applying for Aid

Interested students should complete an ACT financial aid packet available in the Financial Aid Office. This packet includes an ACT Family Financial Statement and an Oklahoma Student Data Form, both of which should be completed and sent to ACT in Iowa City for processing. All information contained in these documents is held in strict confidence. The resulting financial aid report determines eligibility for a Pell Grant, Supplemental Grant, Oklahoma Tuition Aid Grant, Perkins Loan, Stafford Student Loan, and College Work-Study. In making an assessment of the student's eligibility, careful consideration is given to family size, the number in university, income, resources, obligations, and the cost of the university.

### Grant Programs

Pell Grants range from \$250 to \$2300. Eligibility is determined on the basis of need as defined by the Pell Grant Program Division of the U.S. Office of Education.

Supplemental Grants range from \$200 to \$1000. Eligibility is determined on the basis of exceptional financial need as defined by the Financial Aid Office.

Oklahoma Tuition Aid Grants range from \$200 to \$1000. Eligibility is determined by the Oklahoma State Regents for Higher Education. Recipients must be legal residents of Oklahoma.

### Loan Programs

Perkins Loans are available for eligible students at 5% simple interest. One may borrow up to \$2250 a year to a total of \$9000. There is no interest payment while enrolled at least half-time. Repayment begins nine months after the students ceases to be at least half-time. The loan must be repaid within ten years from the date payment begins. Oklahoma Christian serves as the lender.

Stafford Student Loans are available for eligible students at 8% single interest. One may borrow up to \$2625 a year as a freshman or sophomore and up to \$4000 a year as a junior or senior. A Stafford Student Loan application is separate from the ACT financial aid packet and must be completed. Repayment begins six months after you cease to be enrolled at least half-time. The entire loan must be repaid within ten years after repayment begins.

### Work Program

Work-study is an on-campus work program which allows eligible students to earn a portion of their university expenses. Jobs range from the library to the cafeteria and from maintenance to administrative offices. Generally one will work an average of 10 hours per week. Pay is at minimum wage. Job assignments are arranged through the Financial Aid Office.

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## OTHER AID PROGRAMS

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### Parent Loans

PLUS Loans are unlike all the previously mentioned federal aid programs regarding eligibility criteria. Family finances are not a determining factor for PLUS loan eligibility. There is no income restriction whatsoever. Rather, financial aid received by the student and the cost of attendance will

determine eligibility. Students who have little or no eligibility for the other federal aid programs may find the PLUS loan very beneficial. Up to \$4000 may be borrowed per academic year at variable interest. A parent must be the borrower. Repayment begins 60 days after the loan is disbursed. Private lenders are involved, so an application separate from the ACT financial aid packet is necessary. For more information contact the Financial Aid Office.

### University Loans

Oklahoma Christian has limited loan funds available for students who have filed an ACT Family Financial Statement but found they are ineligible for federal aid. Loans can be made to those who show an ability to repay in a reasonable time. These funds are to help meet university expenses only. Notes must be endorsed by parents. Students should contact the Financial Aid Office for details.

### John B. Whitley

#### Memorial Loan Fund

This fund is maintained through the Office of Student Services. Interest free loans up to \$35 are available to students for a period of one month. The fund was established by Mr. and Mrs. Francis Whitley of Riddleton, Tennessee, in memory of their son, an Oklahoma Christian student in the 1960s.

### Veterans Programs

Assistance to Veterans who have served in the U.S. Armed Forces for more than six months of active duty is available. Students should check with their regional VA office.

Disabled veterans are handled on a separate program by the VA. To assist disabled veterans to receive additional benefits, a program of counseling has been set up by the Veterans Administration.

Children of veterans may be eligible for some benefits. Students should check with the VA office to determine if they qualify as a war orphan or as a child of a veteran.

### **BIA Grants**

The Bureau of Indian Affairs can provide applications for grants to Indians. Students must be one-fourth or more Indian and must establish financial need in order to qualify for assistance from BIA.

### **Vocation**

#### **Rehabilitation Programs**

Vocational Rehabilitation assistance is available to qualified applicants. The local agency should be contacted for information.

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## **SCHOLARSHIPS**

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Oklahoma Christian provides scholarships up to full room, board and tuition to specially qualified students. Application forms are available through the Admissions Office.

### **Athletic**

Athletic scholarships of varying amounts are available to men in baseball, basketball and track.

Athletic scholarships are also available for women in basketball and track. These are administered through the athletic department. Decisions are made by the respective coaches based on performance.

### **Academic**

These scholarships are granted on the basis of academic achievement, National Merit standing, ACT composite exam score or grade point average (in the case of transfers). They are renewable if the student achieves a 3.0 GPA each trimester (3.5 for presidential scholars, National Merit finalists or semi-finalists).

**Presidential scholarships** are awarded to outstanding freshmen who show promise in their overall academic program as well as in specific departments. The awards range from \$1250 to \$2500 per year.

**A National Merit Finalist** receives \$1250.

**A National Merit semi-finalist** receives \$1000.

**A National Merit Commended student** or a student achieving a **30 ACT composite score** or above receives \$750 per year.

A student achieving a **28 or 29 ACT composite score** on the ACT examination receives \$500 per year.

A student achieving a **26 or 27 ACT composite score** receives \$400 per year.

A student achieving a **24 or 25 ACT composite score** receives \$300 per year.

A student achieving a **22 or 23 ACT composite score** receives \$250 per year.

### **Leadership**

Leadership awards are announced on spring high school day each year. They are renewable if the student achieves a 2.5 GPA each trimester and receives approval from the scholarship committee.

These awards are granted on the basis of a point system that includes academic honors, school or community leadership roles, church leadership roles, and other extra-curricular activities. Extra consideration is given to recommendations from school, community or church leaders and club or activity sponsors. Reference forms will be mailed to those listed on the scholarship application form.

## **FINANCIAL INFORMATION**

### *Financial Aid*

### **Departmental**

Departmental scholarships are based on departmental examinations administered at fall high school day and apply to the freshman year only. In addition, one Earl and Annetah Harms homemaking scholarship is awarded each year to a freshman majoring in Family Life or Interior Design.

### **High School Day**

Three high school day awards are based on one examination administered on spring high school day. One \$4000 award and two \$2000 awards for the freshman year only are awarded.

### **Performance Speech**

**scholarships** are available for those who show promise in debate or drama. These awards are based on audition or interview.

**Music Scholarships** are made to students who demonstrate competence in vocal or instrumental music. Decisions are based on audition by tape or in person.

### **Distinguished Performer**

**Awards** are available each year for students with exceptional musical ability. Up to five may be awarded each year. Recipients are determined by tests, auditions and review by the DPA Committee.

Continued ↓

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## SCHOLARSHIPS

Continued

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### ROTC Scholarships

These scholarships are awarded competitively on the basis of academic achievement, ACT score, physical examination and interview data to those students desiring to earn an Army or Air Force officer's commission while earning a baccalaureate degree. The scholarship provides full tuition, books, laboratory fees and a living allowance of up to \$1,000 each year. Army scholarship recipients receive military instruction through a cross-town agreement with Central State University. Application forms and further information may be

obtained from Army ROTC, Central State University, Edmond, Oklahoma, 73060.

Air Force scholarship recipients receive military instruction through a cross-town agreement with the University of Oklahoma. Application forms and further information may be obtained from Air Force ROTC, Det 675, University of Oklahoma, Norman, OK 73019-0604. See page 23.

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## JOBS

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Students who desire work but do not qualify for the federal work-study programs may secure jobs in neigh-

boring Oklahoma City or suburban Edmond. The Placement Services office supplies students with off-campus job contacts. On-campus jobs other than those through work-study are also available. Employers often welcome Oklahoma Christian students as employees as they are known to be hard-working and dependable.

Karen Harmon, Director of Placement Services, assists students in finding jobs. Students often find work the first day they look.

An Interview Day is held on campus each Fall and Spring to allow area employers to visit with students regarding job openings.



# About ACADEMIC POLICIES

*The central purpose of a college education is to cultivate the mind. Since intellectual ability and capacity are God-given gifts, development of the mind's powers is both a privilege and a responsibility for students and faculty.*

*The curriculum and degree programs established at Oklahoma Christian represent a*

*means by which academic development can be achieved. At the heart of the academic program are liberal arts courses to broaden the student's general education and Bible courses to deepen the student's faith. The curriculum also includes specialized courses to prepare the student for life in a complex society and for a fulfilling career.*

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## ADMISSION

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To be admitted to Oklahoma Christian University of Science and Arts, you must provide evidence that you are in good health and of suitable character and satisfy one of these requirements:

- A high school graduate with a minimum of 15 high school units.
- Over 18 and have passed the General Educational Development test (GED).
- A transfer from a college you would be eligible to re-enter.

Eligible high school juniors may obtain early admission to Oklahoma Christian and attend the summer session before their senior year. Students who do not want to work toward a bachelors degree may be admitted as non-degree students by meeting character and health requirements.

### Steps to Admission

**First**, submit an application for admission with a \$10, non-refundable admissions fee.

**Second**, return the housing form sent to you when your application is received. A \$35 refundable room deposit is required with the housing form, which will be credited toward first trimester expenses. Room and roommate requests are handled on a

first-come, first-served basis, so return the form promptly.

**Third**, return the health form sent to you when your application is received.

### For Information

For answers to your questions or for an application, please write or call: Duane Eggleston, Vice President for Church Relations  
Oklahoma Christian University of Science and Arts  
Box 11000  
Oklahoma City, OK 73136-1100  
405-425-5055

For information about graduate studies, contact Dr. Lynn McMillon at the above address.

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## CLASSIFICATION OF STUDENTS

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### Freshmen

Students with less than 32 semester hours credit.

### Sophomores

Students with 32 to 63 semester hours credit.

### Juniors

Students with 64 to 95 semester hours credit.

### Seniors

Students with 96 or more semester hours credit.

### Full-time students

Students taking 12 semester hours or more during any trimester.

### Special Students

Students taking less than 12 semester hours during any trimester.

### Audit and Noncredit Students

An audit student is one who has obtained official permission to attend a course without taking it for university credit. A non-credit student is one who wishes to take a course with full participation but does not desire university credit. He/she pays the full price of the course.

### Unclassified Students

An unclassified student is one who has applied for admission, but who has not yet been officially admitted because sufficient information has not been received. If the necessary information is not submitted within 30 days, the student will be asked to withdraw.

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## ACADEMIC STATUS

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### Good standing

In order to be considered in good standing, a student must maintain the cumulative GPA shown below:

Freshman	1.60	(D+)
Sophomore	1.80	(C-)
Junior	2.00	(C)
Senior	2.00	(C)

### Academic Alert

If a student's GPA falls below the level of good standing, he/she will be notified and placed on academic alert.

### Academic Warning

If a student's current GPA and cumulative GPA are below the required level, he/she will be placed on academic warning.

### Academic Status Check

A student who has completed at least 64 semester hours will be provided an academic status check at the time he/she is issued an academic warning, at which time one of the following will be decided:

- A. The student can continue if he/she is close to the required level.
- B. The student can continue but should see his/her academic advisor or a vocational counselor about the direction and objectives of his/her program.
- C. The student can continue if he/she signs a statement indicating his/her awareness of what grades he/she must achieve to raise his/her GPA to the required level.
- D. The student must terminate his/her program at Oklahoma Christian since his/her enrollment can no longer meaningfully serve his/her or the school's best interests.

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## GRADING SYSTEM

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- A** Superior performance in which the student demonstrates:
1. a thorough knowledge and retention of the factual material of the subject.

2. a thorough understanding of the principles of the material studied
3. a timely and accurate completion of the course requirements such as homework, term papers, etc. and
4. an ability to apply and correlate the subject material to the solution of new and different problems

**B** Good performance in which the student demonstrates:

1. an above average knowledge and retention of the factual material of the subject
2. an adequate understanding of the principles of the material studied
3. a timely and accurate completion of course requirements
4. some ability to apply and correlate the subject material to the solution of new and different problems

**C** Adequate performance in which the student demonstrates:

1. an average knowledge and retention of the factual material of the subject
2. some understanding of the principles of the material studied
3. satisfactory completion of course assignments

**D** Poor performance in which the student demonstrates:

1. limited knowledge and retention of factual material of the subject
2. limited or no understanding of the principles of the material studied
3. unsatisfactory completion of the course requirements

**F** Failing performance in which the student demonstrates:

1. little or no knowledge and retention of factual material of the subject
2. little or no understanding of the principles of the materials studied and/or
3. a failure to satisfactorily complete the course requirements

**P** A passing grade in a course which does not give a letter grade

**W** Withdrawn from a course after the fourth week and before the eighth week

**WP** Withdrawn passing from a course after the seventh week.

**I** Granted if a student has not met the requirements of the course due to illness, an emergency, or some cause deemed reasonable by the instructor; an 'I' is not given when a student has simply been negligent toward class requirements. An 'I' grade is removed by the completion of the necessary work within six weeks after the trimester ends. The teacher has an option to grant an extension if warranted based on a request by the student within the first six weeks. If a grade has not been submitted by the teacher at the end of twelve weeks, the registrar will convert the 'I' to an 'F'.

The specific course requirements such as term papers, homework, special projects and the number and scope of examinations is at the discretion of each instructor. The student should consult the course syllabus for the specific requirements and grading scale for each class. If a student repeats a course, the higher grade only is used to compute the grade point average.

### Academic Honors

The Honor Roll recognizes students with 3.40 (B+) or above. The Dean's List honors those with 3.85 (A-) or above. The President's List honors those with 4.00 (A) grades.

### Graduation with Honors

Students graduate with honors at these levels: *cum laude*, 3.40; *magna cum laude*, 3.60; *summa cum laude*, 3.85.

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## TO DROP OR ADD A CLASS

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### Grace period

No charge will be made for drops and adds during two days after registration in the fall and spring trimesters or during one day after registration in the summer sessions.

### Drops

To drop a class a student should:

1. Get his/her advisor's signature on a drop/add slip.
2. Get his/her teacher's signature, unless the drop is made before the last day to add classes.
3. Get the teacher to enter a grade of WP or F on the drop/add slip if the withdrawal is made after the seventh week (or after the third week in the summer session). Drop and add deadlines are published in the official class schedule for each trimester and in the catalog calendar.
3. Take the drop/add slip to the processing window in the Administrative Services Office.

The charge to drop a class is \$2.50 after the grace period.

### Adds

To add a class a student should:

1. Get his/her advisor's signature on a drop/add slip.
2. Get the signature of Bob Smith, Vice president for Administrative Services if the add is made after the deadline for adding classes, or if the class will raise the student's load above 17 hours.
3. Take the drop/add slip to the processing window in the Administrative Services Office.

The charge to add a class is \$2.50 after the grace period.

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## ADDITIONAL CREDIT PROGRAMS AND TESTING

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Oklahoma Christian students may receive credit for certain courses or activities not taken in the traditional manner.

### Credit by Independent Study

Students at Oklahoma Christian may receive credit by independent study in courses approved by individual departments. The teacher will assign a regular grade in a course on the basis of an examination, his/her contact with a student during a period of independent study, oral reports, and/or research papers.

The student should take the initiative in proposing a study or project to the divisional chair before enrollment. Arrangements for periodic progress checks should be made within two weeks after the trimester begins.

Students will normally not be allowed to take a course by independent study which is regularly offered. Normally no more than 12 semester hours in independent study may be applied toward a degree and no independent study number may be used more than four times.

### Extra-curricular Credit

A department may request one hour credit for an activity in which academic courses are usually given at recognized institutions. Prerequisites may be established if desired.

The course must provide some instruction in the area being served and must require a total of no less than 60 hours of student participation.

The instructor certifies with the grade that the student has participated the required amount of time. The grade itself indicates the quality of participation. Hours well above the minimum may be given some consideration in establishing the grade.

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## About ACADEMIC POLICIES

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### Miscellaneous Policies

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Since some activities will not be started until after registration, a student may enroll for the course after the stated time and the final grade will be the only one submitted.

The course will be paid for on the regular basis.

### Credit by Examination

Students who have had sufficient experience, training or study in a subject area may apply for examinations in order to receive academic credit.

The following types of examinations are used to provide evidence that credit in a subject is merited: 1) Departmentally prepared examinations, 2) College Level Examination Program (CLEP) subject exams published by the College Entrance Examination Board, 3) CLEP general examinations, with the approval of appropriate departments, for entering freshmen, 4) Advanced Placement examinations (AP) of the College Entrance Examination Board. These are administered to qualified high school seniors by participating high schools in May. A minimum score of 3 will be required for a passing grade in a corresponding freshman course.

### Credit by Examination Guidelines:

The following policies apply to all credit granted by examinations, both departmentally prepared and those supplied by a testing service.

1. A student may not attempt credit by examination for a course which he/she has audited or attempted and failed at this or any other institution.
2. If a student has taken and passed a course at an unaccredited institution and wishes to validate

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## ADDITIONAL CREDIT PROGRAMS AND TESTING Continued

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that work through the procedures outlined in this policy, he/she may do so. This credit is considered equivalent to transfer work and does not satisfy the requirement calling for 30 semester hours in residence or the requirement calling for one half of the major at Oklahoma Christian.

3. Except where specifically provided for by a program, credit by examination may not be given in a course sequentially lower in the department or a prerequisite to a course for which a student has received credit.
4. A student may receive up to 60 semester hours of credit by examination. The amount that he/she may take by correspondence or extension will be reduced accordingly.
5. Credit earned by proficiency examinations does not count toward the resident requirement of 30 semester hours.
6. Only students who are enrolled in the University or who have been accepted for admission by the University may take examinations for credit.
7. A minimum of 12 semester hours must be earned in class work at Oklahoma Christian before credit earned by examination will be recorded.
8. Departments may determine that certain courses involve development of attitudes or understandings not revealed by tests.
9. Application of the above policies will be subject to the discretion of the appropriate divisional chair or the departmental chair who is over the department in which credit is being sought.

### Departmentally Prepared Exams

Departmentally prepared exams are extensive examinations over specific subjects or courses. Approval for the examination and the type of examina-

tion to be used will be left to the department.

Application forms are available in the office of the Dean of Administrative Services.

The charge for credit under this policy will be a \$20 fee for the examination whether passed or failed and \$10 per semester hour of credit to record it on the transcript if it is passed. In case of validation of unaccredited work, this latter charge will not be made.

Each departmental examination for credit attempted at Oklahoma Christian will be recorded on the student's permanent record. If a student makes a grade of C or above on a departmentally prepared examination or scores at the 50th percentile or above on a CLEP examination, the course will be recorded with credit given and a grade of P for passing. A student may not attempt an examination in the same course more than two times.

### ACT Test

The ACT or SAT test is required of all entering freshmen. Students should take the test during one of the regular testing periods during the junior or senior year in high school since some scholarship offers are based on test scores. In addition, the results provide helpful information for advising students at the time they enroll.

### English

#### Proficiency Requirement

An English proficiency requirement exists to insure that Oklahoma Christian graduates are able to communicate correctly and clearly in writing.

The requirement may be met by passing (1) English 1213 or any higher three-hour English course with a grade of C or above or (2) the English Proficiency Examination.

Those students for which English is a second language are exempt from the English Proficiency requirement.

Students who have taken the second course in freshmen English at another college or university, or received

credit for English 1213 through CLEP or ACT testing, should meet the requirement by taking the English Proficiency Exam. Those who fail the exam will be placed in the writing lab for individual tutoring. A fee of \$20 is assessed for the lab.

The English Proficiency Exam is administered on the second Saturday of each trimester. Students not taking the exam on the assigned date will be assessed the writing lab fee. The English faculty recommends that students required to take the English Proficiency Exam do so during their second trimester at Oklahoma Christian.

### Retroactive

#### Credit for Foreign Language

1. A student with no foreign language background will normally take the introductory course before attempting 1113.
2. A student may begin with 1113 if the following requirements are met: a minimum of one year of the language in high school, the equivalent in non-academic language experience or permission of the professor.
3. A student may begin his/her university language study with 1213 if he/she has one of the following: a minimum of two years of the language in high school, or the equivalent in non-academic language experience with permission of the professor. Upon completion of that course with a grade of "C" or higher, the student may apply for three hours of retroactive credit in 1113. The application for such credit must be approved by the professor and the divisional chairman, then the student must pay \$10.00 per credit hour in the Administrative Services Office to have it recorded.

### Air Force ROTC Credit

Oklahoma Christian has an agreement with Air Force ROTC Detachment 675 on the campus of the University of Oklahoma that allows qualified and selected OC students to take courses in the general military program and the professional officer program. AF-

ROTC scholarships will be honored through this arrangement. Courses are usually scheduled so that OC students may spend one afternoon per week at the OU campus which is about 45 minutes away.

**Courses include:**

- AERO 1011 Intro Aerospace Studies
- AERO 1300 Leadership Lab (freshmen)
- AERO 2011 Development of Air Power to 1947
- AERO 1300 Leadership Lab (sophomore)
- AERO 3013 Principles of Air Force Management
- AERO 3100 Mgt/Leadership Practice I
- AERO 4013 National Security Forces
- AERO 4100 Mgt/Leadership Practice II

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## CLASS ATTENDANCE

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### Class Periods

Class periods are usually 50 minutes. Three-hour courses usually meet three times a week, two-hour courses twice a week, and one-hour courses once a week. With the University's approach to instruction, however, many variations on this standard plan for class meetings give variety in scheduling and opportunity for meeting individual needs. The achievement expected of students, however, still conforms to the expectation implicit in the awarding of semester hours credit.

### Absence Policy

For the majority of students regular class attendance is essential for maximum development. Even for the best students, absence from the discussion, exchange, interaction and emphasis which should characterize a class session means a loss which can never be regained even with additional work. While the effects of this loss may not be shown on a final examination, the loss is real.

The faculty of the University, realizing that some students will pay for opportunities to learn and then strenuously avoid them, has a policy of encouraging regular class atten-

dance with allowance for circumstances which make it impossible or inadvisable for the student to attend class.

The University attendance policy allows the student the opportunity to make decisions about when he/she may have to miss a class until he/she misses class too often. When, in the opinion of the teacher, a student's absences begin to affect seriously his/her performance in the class and thus may cause him/her either to fail or to achieve considerably below his/her capacity, the teacher shall initiate a conference with the student to discuss his/her absences. At this time or at a subsequent time, the teacher may indicate to the student in writing that if he/she misses another class meeting without a clearly acceptable reason, he/she will be dropped from the class with a failing grade. The Academic Dean will also be notified of this status and shall notify both the student and the parents. If the student does have another absence unacceptable to the teacher, he/she shall be dropped from the class. Notification will be sent to the Academic Dean who shall officially notify both the parent and the student. If the student believes he/she has received unfair treatment from the teacher he/she may appeal to the Divisional Council.

### Students on VA Benefits

In keeping with minimum standards set by the State Accrediting Agency, the following guidelines will be followed in reporting to the VA regional offices the attendance and academic progress of those who receive VA benefits: 1) The University will report the last date attended in the event a student drops out of school to assure that payments are terminated no later than the date when the student quits a course. 2) The University will also report when a student receiving VA benefits fails to maintain satisfactory progress. The student placed on academic alert should make 2.0 at the end of that trimester or raise his/her cumulative grade point average to the level of good standing required for his/her classification.

## About ACADEMIC POLICIES

### General Education

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## GENERAL EDUCATION REQUIREMENTS

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The general education program at Oklahoma Christian consists of 60 semester hours of work required of all students who graduate. These requirements were determined by the purposes of the institution and the faculty's judgment regarding the common needs of all students.

These courses attempt to lead the student through a series of experiences which will enable him to develop a philosophy of life based on a commitment to Christ; gain an understanding of his/her cultural, political, scientific and economic heritage; achieve a satisfactory ability in written and spoken communication; and learn proper care of his/her body.

In order to achieve these objectives, the faculty has established the following general education requirements:

#### Personal Development, 2 hours

1. ED1111 Introduction to College
2. Any physical education activity course

#### Communication and Logic, 12 hours

1. EN1113 English Composition I
2. EN1213 English Composition II
3. SP 1113 Speech Communication I
4. Choose **one** from:  
 MA1133 Basic Mathematics  
 MA1413 Finite Mathematics  
 MA1214 College Algebra and Trigonometry (or higher course)

#### Religion and Values, 12 hours

1. Choose 16 hours from any of the textual Bible courses. Transfer students will be required to take

Continued ↓

## GENERAL EDUCATION REQUIREMENTS Continued

the following number of hours in Bible, not including Bible credit they transfer:

<i>Transfer hours</i>	<i>must take in Bible hours</i>
1 to 12	16
13 to 31	14
32 to 47	12
48 to 63	10
64 to 79	8
80 or more	6

Freshmen and sophomores may choose 9 hours from:

BL1113	Genesis and Exodus
BL1212	Gospel of Matthew
BL2112	Acts of the Apostles
BL2212	I Corinthians
BL2312	Evidences of Christianity

Juniors and seniors may choose 7 hours from:

BL3413	Christian Family
BL3512	Prison Epistles
BL3712	Hebrews
BL4212	Great Christian Doctrine
BL4312	Prophet Isaiah

Any of the following courses may be chosen by junior and seniors in place of one of the above general education Bible courses: BL3913, MI2113, 2213, 3113, RE3013, 3222, 4212, 4222, or 4312.

- PL3113 Topics in Philosophy  
Junior standing required. HI3123, Topics in Western Civilization, is a prerequisite. A lower division philosophy course will not satisfy this requirement.

### Political, Economic, and Social Backgrounds, 11-12 hours

- Choose one from:  
HI1213 American Heritage  
HI2213 History of the U.S. to 1877  
HI2223 History of the U.S. Since 1877
- PS1113 American Government
- Choose one from:  
EC1112 Free Enterprise  
EC2113 Macroeconomics

(Engineering majors may substitute EC2313, Engineering Economics; students with majors in the Division of Education may use GY2213, World Political Geography.)

- Choose one from:  
PY2113 General Psychology I  
SO1113 Introduction to  
Sociology

### Humanities, 9 hours

- Choose one from any literature course in the English department. (Engineering majors may substitute EN3493, Technical Writing.)
- Choose one from:  
AR2013 Art Appreciation  
MU2013 Music Appreciation  
SP2613 Introduction to Theatre  
(Music Education majors may substitute MU2312 or 2412, Music Literature I or II; Art and Design majors may substitute art history courses: AR3313 or 3323.)
- HI 3123 Topics in Western Civilization

Junior standing required. A lower division course in western civilization will not satisfy this requirement. (Music Education majors may substitute MU3413, Music History II.)

### Science, 7 hours

- Choose from any biological science with a lab. (Engineering majors may substitute a physical science with a lab)
- Choose from any physical science (except GS1103, Preparation for Chemistry).

### Students with Associate Degrees

For students transferring to Oklahoma Christian with an associate degree designed to provide the general education background for a baccalaureate degree, the faculty has agreed to consider all general education requirements as met by the associate degree.\* The associate degree program must include at least 25 hours in courses typically required for general education with a least one course each in communication, science, history or social science, and fine arts or literature. Students completing a second baccalaureate degree at OC will be

covered by the same policy. See page 35. Note: Students must satisfy the specific course provisions for the BSE and other general education programs requiring specific courses for general education.

\*The Bible requirement is an exception: transfers with an AA degree will normally need six or seven additional hours in Bible.

### Computer Literacy

Recognizing the impact that computers are having on society, Oklahoma Christian provides computer access for every student. The University's General Education program incorporates numerous opportunities for each student to become familiar with the three basic areas of computer application: Word processing, data bases, and spreadsheets. These experiences should serve as a foundation for each student to use a computer in his/her own personal and professional areas of interest. Those students desiring in-depth knowledge of computers may elect specific courses in computer science.

## REQUIREMENTS FOR ALL BACHELOR'S DEGREES

Requirements are as follows:

- A student must have satisfied all entrance requirements.
- A student must complete at least 126 semester hours, not more than four of which may be in physical education activity courses, and not more than eight hours in 1300 courses and not more than four in any one 1300 course. (Veterans may receive up to four hours credit for physical education activity courses upon application to the Dean of Administrative Services. Physical education majors may count eight semester hours of activity toward graduation.)
- A student must complete a minimum of 30 semester hours in a major and a minimum of 18 hours in a minor. At least one-half, or 22 hours (whichever is less) of the work in the major or major/minor program must be

completed at Oklahoma Christian. In majors that contain a specialization, at least one-half of the work required for that specialization must be completed at OC.

4. A student must complete the general education requirements as listed in the catalog.
5. A student must have at least ten semester hours of courses numbered 3000 or above in his/her major field and a total of not less than 30 semester hours in such courses.
6. A student must have a total grade point average on all courses of not less than 2.0 and the same over-all average on all work done in the major field.
7. A student may not count toward graduation more than thirty semester hours with a grade of D.
8. A student must complete at least 30 semester hours at Oklahoma Christian, (15 of which must be in the senior year), be a regular student for at least one semester and be in attendance during the semester of graduation.
9. A student may transfer all approved courses from an accredited junior college. A maximum of 65 hours from a junior college will apply toward a degree. More hours may be accepted for students in a four-year accredited junior college program.
10. A student must meet the English proficiency requirement. The details of this requirement are on page 22 of this catalog.
11. A student must, in addition to his/her intellectual achievements, be of good character, having established with the faculty and administration of the University a reputation for honesty, dependability and high moral standards.

### Second Bachelors Degree

For a second bachelors degree, a student must first receive approval from the Dean of Administrative Services in advance to pursue a second degree, then must complete 30 additional hours beyond requirements for the first degree.

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## REQUIREMENTS FOR GRADUATION

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### Bachelor of Arts Degree

In order to receive a bachelor of arts degree from Oklahoma Christian a student must:

1. Meet the general requirements for all bachelors degrees.
2. Meet the requirements for a major in one of the departments offering the bachelor of arts degree: art, Bible, English, history, liberal studies, music, missions, preaching, psychology, sociology and speech.
3. In addition to the other general education requirements, complete two courses (minimum total, 6 hours) in the same foreign language beyond the introductory level. See page 32 for Retroactive Credit for Foreign Language.

### Bachelor of Music Education Degree

In order to receive a bachelor of music education degree from Oklahoma Christian a student must:

1. Meet the general requirements for all bachelors degrees.
2. Meet the music department's requirements in music, music technique, music education and applied music.
3. Meet the requirements for teacher certification.

### Bachelor of Science Degree

In order to receive a bachelor of science degree from Oklahoma Christian a student must:

1. Meet the general requirements for all bachelors degrees.
2. Meet the requirements for a major in one of the departments offering the bachelor of science degree: accounting, Bible, biology, business administration, chemistry, computer science, engineering, family life, finance, history/pre-law, interior design, management, marketing, mass communication, mathematics, medical technology, office information management,

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## *About* ACADEMIC POLICIES

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### *Graduation Requirements*

organizational communication, psychology, religious education, social work and youth ministry.

### Bachelor of Science in Education Degree

In order to receive a bachelor of science in education degree from Oklahoma Christian a student must:

1. Meet the general requirements for all bachelors degrees.
2. Meet the requirements for teacher education in either elementary education or some field of secondary education.

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## SPECIAL ASSISTANCE

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### Developmental Writing

Oklahoma Christian is committed to helping each student develop the fundamental objective of effective written communication. The University will require students with an English ACT of 15 or lower to enroll in Developmental Writing (EN1103) before enrolling in Composition I. Students who do not have ACT scores reported to OC will have the option of taking a diagnostic test for placement in EN1103 or EN1113.

Developmental Writing allows students to master basic grammatical skills in a positive environment characterized by individual attention. In such an atmosphere students can best discover their writing talents and learn the standard conventions of English usage. They are also more likely to gain the skills and confidence needed to succeed in Composition I and II and other university-level courses.

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## SPECIAL ASSISTANCE

### Continued

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Because standardized tests sometimes fail to measure student ability accurately, all students enrolled in EN1103 will be given an opportunity at the beginning of the course to test out of the course. Any student who shows a capability to write university-level work will be moved directly to Composition I (EN1113) during the early weeks of the term.

### Reading Improvement

Knowing how important reading skills are for success in a university and in all aspects of contemporary life, Oklahoma Christian has developed a reading improvement course. It provides laboratory experiences where students can improve their reading speed and comprehension. This program is tailored to meet individual needs so that it serves both outstanding students and those who are not reading at university level. Students with an 18 or lower on the Social Science ACT must complete EN1102, Reading Improvement or prove they can read at the university level by scoring 13.0 grade level on the Nelson Denny Reading Test. Diagnostic reading tests are given the first class meeting to verify the need for the course.

Students who do not have ACT scores reported to the University must enroll in EN1102 or take the Nelson Denny before enrollment to prove a reading level of 13.0.

### Developmental Mathematics

The University requires that students have proficiency in and understanding of mathematics. All students must complete a mathematics requirement. The required course for programs varies according to the specialized need of the major curriculum. Students in business programs must have Finite Mathematics, MA1413; students in the sciences must have College Algebra and Trigonometry, MA1214; most others must complete Contemporary Mathematics, MA1133.

To assist students who are not adequately prepared for the required mathematics course, the University offers Developmental Mathematics, MA1103. This course is organized into several modules to allow students to progress to more complex processes. At the beginning of a student's study at Oklahoma Christian, he/she will take a math placement test. Those who do not demonstrate the skill for the required math course will be required to enroll in MA1103 and to pass the course before enrolling in the next level of math.

### Personal/Professional Success Strategies

Many students are seeking guidance for succeeding in college. The University has developed a special seminar to provide information, counseling, and guidance to succeed in college. The seminar concentrates on time management, money management, personal goals, study habits, and personal adjustments for young adults. Personal/Professional Success Strategies, PY1102, is required for all students whose ACT and high school grades indicate inadequate preparation for the rigors of study at Oklahoma Christian.

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## INTERNATIONAL STUDIES

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### Ibaraki Exchange Program

Since 1975 Oklahoma Christian has joined with Ibaraki Christian College in a student exchange program. Each summer a group of this university's students travel under faculty supervision to Japan for an eight-week stay. Six of those weeks are spent on the ICC campus where the students take courses in Bible and Japanese language and culture. During this time, they live with Japanese families. In addition to the time at Ibaraki, the students spend two weeks visiting major historical areas and local congregations of the church. A special aspect of the work is its emphasis on mission work as well as academic and cultural development. At least 13 hours of credit are possible under this program.

### Vienna Studies

Students who have completed a minimum of two trimesters at Oklahoma Christian may participate in the Vienna Studies Program. Thirty students will be admitted to the Program each year. Students will leave OKC in late August and return in early December. They will travel in and around London for one week. Then they will spend twelve weeks of study in Vienna, taking advantage of weekends to travel to Switzerland, Germany, and Eastern European nations. The final week will provide travel experience in Italy and France. Students will study German and may receive credit for 16 hours through the program.



# *Curriculum in* **INTERDISCIPLINARY STUDIES**

## **B.A. Degree in Liberal Studies** **60 hours, no minor required**

This degree program is designed for the able, highly motivated student who is seeking insight in several areas of knowledge rather than a deep insight into only one or two. An interdisciplinary curriculum, including such areas as the social, religious, political, and scientific, will aid the student in understanding contemporary American culture and his/her place in it. The student will design the program with the aid of a counselor in Liberal Studies. The counselor will insure that the degree as designed will be both broadening and meaningful.

The Liberal Studies degree can be completed in one of the following ways:

Option A. 60 hours, 39 of which must be upper division, divided as follows:

1. Fine Arts and literature, 21 hours
2. Social Science, 15 hours
3. Elective field of study, 24 hours

Option B. 60 hours, 39 of which must be upper division, divided among three departments, one of which must be humanities (literature, history, speech, art, music, or Bible).

Option C: 60 hours, 39 of which must be upper division, divided among the following departments (minimum of 9 hours in each):

1. Bible
2. History
3. Literature
4. Fine Arts and Communications
5. Behavioral Science
6. Electives

In addition to the above requirements, the student must complete the General Education requirements for a B.A. degree, including one year of the same foreign language. After the student and counselor have designed a program, it must be approved by an Academic Affairs subcommittee.

# Division of BEHAVIORAL & SOCIAL SCIENCES

*Behavioral and Social Science incorporates psychology, family life and home economics with the social sciences (history, political science, pre-law, sociology and social work.)*

*The study of Behavioral and Social Science, through various courses, involves the following areas: understanding and development of man's behavior; the family unit; political study of the*

*growth of American democracy, and views of political power; social study of the American dream and the quest for national character; economic study of ecology, technical and industrial development, economic power and the political decision-making process; cultural study of myth and reality in American history, and creativity and individualism in America.*

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## DEPARTMENTS

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Economics (EC)  
Family Life (FL)  
Geography (GY)  
History (HI)  
Philosophy (PL)  
Political Science (PS)  
Psychology (PY)  
Social Work (SW)  
Sociology (SO)

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## DEGREES OFFERED

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B.S. Degree in Family Life

*Areas of Emphasis:*

Child Development  
Child Development/ Psychology  
Day Care Administration  
Family Relations  
Social Services Administration

B.A. Degree in History

B.A. Degree in History/Pre-law

B.S. Degree in History/Pre-law

B.A. Degree in Psychology

B.S. Degree in Psychology

B.S.E. Degree in Social Studies

B.S. Degree in Social Work

B.S. Degree in Sociology

## Minors:

Child Development  
Family Life  
History  
Political Science  
Psychology  
Social Science  
Social Work  
Sociology

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## FACULTY

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James Wilson, Ph.D., divisional chair, professor of history  
James Cail, Ph.D., professor of psychology  
Phil Heffington, M.S.W., associate professor of social work  
Marge Jennings, Ph.D., associate professor  
of family relations and child development  
John Maple, Ph.D., associate professor of history  
Brad Robison, M.L.S., director of OC library,  
assistant professor of library science  
John Thompson, Ph.D., associate professor of history  
Arlis Wood, Ph.D., director of counseling services

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## LOCATION

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### Classrooms and Faculty Offices:

Davisson American Heritage Building

### Divisional Office:

DAH 203

# BEHAVIORAL & SOCIAL SCIENCES

## Degree Requirements

### B.S. Degree in Family Life

The Family Life degree is offered with five different emphases all of which have the same core requirements as follows:

#### Family Life Core Requirements:

##### 1. 15 hours foundation courses:

- FL 1113 Introduction to Family Life
- FL 2113 Consumer Economics
- FL 2613 Human Sexual Development
- FL 3113 Parent-Child Relationships
- SO3723 Gerontology

##### 2. 3 hours foods and nutrition from:

- FL 3023 Meal Management or
- FL 3213 Nutrition

##### 3. 3 hours family chosen from:

- FL 3313 The Family or
- BL 3413 Christian Family

### B.S. Degree in Family Life/Child Development

#### 58 hours, no minor required

This is intended to be a general major in preparation for graduate work in the area of child development.

#### Degree requirements:

1. The Family Life core courses, 21 hours, listed above.
2. 15 hours special courses: ED3723; FL3013, 3223, 4113, 4613.
3. 4 hours related theory and practicum: FL4813, 4831.
4. 18 hours related courses chosen from: CD3113, 3312, 4112; ED4313; PY3612, 3813; SP3813; SW3513.
5. An undergraduate course in statistics is highly recommended.
6. A 3.0 or higher grade-point average must be maintained to be eligible to enter this program in many graduate schools.

### B.S. Degree in Family Life/ Child Development-Psychology

#### 58 hours, no minor required

This degree is intended as preparation for graduate work in the area of Child Counseling or Child Psychology.

#### Degree requirements:

1. The Family Life core courses, 21 hours, listed above.
2. 15 hours special courses: ED3723, FL3013, 3223, 4113, 4613.

3. 4 hours related theory and practicum: FL4813, 4831.
4. 18 hours psychology
  - A. 6 hours required: PY2113 and 2223.
  - B. 12 hours other psychology.
5. An undergraduate course in statistics is highly recommended.
6. A 3.0 grade-point average must be maintained to be eligible to enter a family life program in many graduate schools.

### B.S. Degree in Family Life/ Day Care Administration

#### 58 hours, no minor required

This degree is designed to prepare one for the field of management of day care facilities.

#### Degree requirements:

1. The Family Life core courses, 21 hours listed above.
2. 11 hours special courses
  - A. 6 hours required: ED4313 and FL3013.
  - B. 2 hours minimum education courses chosen from: CD3312, 4112, ED3723.
  - C. 3 hours related courses chosen from: PY3813, SP3813, or SW3513.
3. 17 hours business/health component: AC2113, BA1213, FL3223, IS2113, PE2213 and 2312.
4. 9 hours related theory and practicums: FL4811 and 4818.

(Note: A maximum of 12 hours will be allowed during the practicum trimester which is intended to be the graduating trimester.)

### B.S. Degree in Family Life/Family Relations

#### 39 hours, minor required

This is intended as a general major in preparation for graduate work in the area of family relations or family counseling.

#### Degree requirements:

1. The Family Life Core courses, 21 hours, listed above.
2. 18 hours special courses: FL4113, 4413, 4613; PY 3813, SP 3813, SW 3513.
3. A minor in psychology or sociology is suggested.

### B.S. Degree in Family Life/ Social Services Administration

#### 60 hours, no minor required

This degree is designed to prepare one for the field of management of care facilities for the aging.

#### Degree requirements:

1. The Family Life Core courses, 21 hours, listed above.
2. 12 hours special courses:
  - A. 6 hours required: FL4113 and 4413.
  - B. 6 hours chosen from: MC4223, PY3813, SP3813, SW4113.

Continued ↓

3. 18 hours business/health component: AC2113 BA1213, FL3233, IS2113, PE2312, 2512, and 4112.
4. 9 hours related theory and practicum: FL4811 and 4828.

(Note: A maximum of 12 hours will be allowed during the practicum trimester, which is intended to be the graduating trimester.)

### **B.A. Degree in History**

**30 hours**

Degree requirements:

1. 6 hours western civilization: HI1113 and 1123.
2. A minimum of 6 hours American History: HI2213 and 2223.
3. A minimum of 15 hours upper division courses.
4. 3 hours elective history.
5. Two courses in the same foreign language (minimum total, 6 hours).

### **B.A. Degree in History/Pre-Law**

**54 hours, no minor required**

The B.A. in history/pre-law combines work in history, political science, economics, literature and language to prepare the student for a variety of career opportunities and graduate studies. This degree is designed as preparation for careers in public administration, civil service, foreign service, the diplomatic corps, international business, management training and various areas of business, and provides background for graduate study in the areas studied.

Degree requirements:

1. History, 30 hours
  - A. 6 hours western civilization: HI1113 and 1123.
  - B. 6 hours American history: HI2213 and 2223.
  - C. 18 hours upper division courses. It is recommended that these include both American and European history courses.
2. Business, 6 hours chosen from: AC2113, BA1213, BA4213.
3. Political Science, 18 hours or Political Science/Literature, 9 hours each.
4. Two courses in the same foreign language are required (minimum total, 6 hours).

### **B.S. Degree in History/Pre-Law**

**54 hours, no minor required**

This program is the same as the B.A. in history/pre-law with the exception that foreign language is not required.

### **B.A. Degree in Psychology**

**48 hours, no minor required**

Almost all careers in psychology require graduate work as a part of the preparation. Students wishing to specialize in experimental psychology may take an undergraduate major in a combination of psychology, mathematics and science.

Degree requirements:

1. 30 semester hours in psychology: PY2113, 2223, 3113, 3413 or 3713, 4213, 4413, 4623 and 9 hours elective.
2. 4 semester hours of mathematics: MA2114
3. 3 semester hours of computer science.
4. 4 semester hours of chemistry: preferably CH1114.
5. 4 semester hours of anatomy: BI2214
6. 3 hours physiological psychology: PY4413.
7. Two courses in the same foreign language (minimum total, 6 hours).

### **B.S. Degree in Psychology**

**37 hours**

Almost all careers in psychology require graduate work as a part of the preparation. Students who are interested in counseling psychology, clinical psychology and other helping fields are encouraged to complete this program.

Degree requirements:

1. 30 semester hours of psychology including PY2113, 2223, 3113, 3513, 3612, 3813 and 4623.
2. 4 semester hours of human anatomy: BI2214
3. 3 hours physiological psychology: PY4413.
4. MA1214 in general education is strongly recommended.

### **Preparation for Public School Work in Psychology:**

1. Counseling: A bachelor's degree does not prepare one for work as a counselor in the public schools. In the State of Oklahoma a person must be certified to teach in another field, have a least two years experience teaching and complete a master's degree in counseling. Other states will likely have similar requirements.
2. Teaching: Those wishing to teach psychology in secondary schools must have a secondary or elementary-secondary teaching certificate in some other field. In addition to their other teaching major, they must have a minimum of 24 hours in such fields as psychology, counseling, guidance or sociology, with at least 16 hours being in the following psychology courses: PY2113, 3313, 3513, 3612, 3713 and 4213. One must also pass the state certification test in psychology.

# BEHAVIORAL & SOCIAL SCIENCES

## *Degree & Minor Requirements*

### **B.S. Degree in Social Work**

#### **62 hours, no minor required**

This program builds on a liberal arts base to provide a professional foundation for those seeking employment in social work or admission to graduate school to achieve the M.S.W. degree in social work.

1. Social work, 31 hours:
  - A. 15 hours core curriculum: SW2113, 3213, 3613, 4113, 4613.
  - B. 16 hours methods courses and practicums: SW4714, 4724, 4814, 4824.\*
2. Sociology, 12 hours:
  - A. 9 hours required: SO1113, 3413, 4513.
  - B. 3 hours elective sociology.
3. Psychology, 12 hours:
  - A. 9 hours required: PY2113, 3313, 3713.
  - B. 3 hours elective psychology.
4. Economics, 3 hours: EC2113
5. Science, 4 hours: BI1114.

\*Admission to the program is required for the student to take any of these four courses.

#### **Admission requirements:**

1. Application for admission form (supplied by the department) completed and submitted to the Social Work Admission Committee by the end of the junior year.
2. Cumulative grade point average of 2.0.
3. Cumulative grade point average of 2.25 on all social work degree plan courses taken before application for admission is made.
4. Submission of an autobiographical sketch which includes the student's personal experiences, expectations, and self-evaluation relative to social work.
5. Interview with the Social Work Admission Committee.

### **B.S.E. Degree in Social Studies**

#### **40 hours**

This degree is designed as preparation for those who plan to obtain a certificate to teach social studies in grades seven through 12. The program requires a minimum total of 40 hours distributed among all of the following fields: American History, World History, Oklahoma History, government, sociology, economics and geography. The student must take at least nine hours in each area he wishes to teach with the exception of American History, which requires 12 hours and Oklahoma History, which requires 3 hours. Each student certifying in social studies must include American History, World History and Oklahoma History in his program. It is recommended that students choose at least two more areas to ensure a broadly based preparation for teaching social studies.

A minor in professional education is required. (See page 81.) Students are also urged to complete a second minor which can be used as a second teaching field.

**Note:** Philosophy and psychology courses may not be counted in the 40 hours of social studies. Requirements for teaching psychology are noted under the B.S. in psychology, above.

#### **Degree requirements:**

1. American History, 12 hours:
  - A. HI2213 and 2223 required
  - B. 6 hours upper division.
2. World History, 9 hours:
  - A. HI1113 and 1123 required.
  - B. 3 hours upper division
3. Geography, 3 hours: GY2213
4. Economics, 2 or 3 hours: EC1112 or 2113.
5. Government, 3 hours: PS1113.
6. Sociology, 3 hours: SO1113.
7. Oklahoma History, 3 hours: HI2313.
8. Other courses as needed to satisfy the nine hour requirement for areas of specialization. In the area of government, PS3213 is required; the remaining three hours may be chosen from the political science offerings.

## **B.A. Degree in Sociology**

**30 hours**

A bachelor's degree in sociology is not a professional degree, but it is a basic academic discipline such as history or English; however, the student in sociology is qualified for positions in government and industry. Students with a degree in sociology are well qualified to pursue graduate work in sociology, anthropology or social work.

Degree requirements:

1. 3 hours required: SO1113.
2. 27 hours other sociology.
3. Two courses in the same foreign language (minimum total, 6 hours).

## **Child Development Minor**

18 hours chosen from: FL3013, 3113, 3223, 3313; CD3113, 3312, 3323, 4112, 4813.

## **Family Life Minor**

18 hours chosen from: FL2113, 3013, 3113, 3213, 3223, 3313, 4113, 4413; BL3413.

## **History Minor\***

The student must complete 18 hours of history, nine of which must be in advanced courses (3000 or 4000 level courses).

## **Political Science Minor\***

The student must complete 18 hours of political science, nine of which must be in advanced courses (3000 or 4000 level courses).

## **Psychology Minor\***

18 hours of psychology with six hours required: PY 2113, 2223 and 12 additional hours of psychology to be determined by the student's goals with the approval of the department.

## **Social Science Minor\***

The student must complete 18 hours of social science (history, political science, social work, sociology, economics and geography) under one of two plans: either two of the above areas with nine hours each or three areas of six hours each. Half of the work must be in advanced courses.

## **Social Work Minor**

The student must complete 18 hours of social work.

## **Sociology Minor\***

The student must complete 18 hours of sociology. One course is required: SO 1113.

\*A teaching minor for B.S.E. candidates requires a minimum of 24 hours. See OC Teacher Certification Handbook for specific course requirements.

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## DEPARTMENT OF FAMILY LIFE

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### 1113 Introduction to Family Life

This course is a comprehensive introduction to the subjects which comprise the study of human development and family betterment. It covers, in very general terms, the spectrum from conception to death and takes a general look at professional possibilities with this broad field. The research base of the discipline is introduced as the student learns the difference between research-based and expository publication. Common statistical terms are studied so that the student can read research journals with elementary understanding.

### 2113 Consumer Economics

A study of basic consumer economics as related to the use of money, goods, services and management of the home.

### 2613 Human Sexual Development

This is an introductory course including considerations of human sexual development. The course is intended to present a decision-making model with which individuals can make decisions and accept responsibility for their own action.

### 3013 Child Development

A study of the various phases of growth and development from birth through childhood. (Same as PY3513.)

### 3023 Meal Management

Meal planning for the family, emphasizing nutrition, use of time, money and energy, marketing, meal preparation and table service for all occasions. Lecture, 2 hours; laboratory, 3 hours. Fee.

### 3113 Parent-Child Relationships

Opportunities, responsibilities and problems faced by parents in guiding the development of children emphasizing recent research in the area of parent-child relationships. (Same as SO3113.)

### 3213 Nutrition

A study of nutrition in relation to physical development and health, essentials of an adequate diet and functions of various nutrients and their need by different age groups.

### 3223 Child Nutrition

The study and evaluation of nutritionally adequate diets for children. Lecture and observation, 4 hours.

### 3233 Diet Therapy and Feeding Programs for the Aging

A basic course in nutrition from the viewpoint of common problems and needs of the aging segment of the total population. It will cover lifestyles, nutritional requirements, and problems of the aging including obesity, geriatric alcoholism, cardiovascular diseases,

cancer patients' nutritional needs, gastrointestinal tract disorders, renal failure, neurological manifestations as nutritional deficiencies, geriatric bone loss, and oral problems. Also considered will be sociological problems which must be dealt with by the aging, including quackery and fad diets, as well as federal nutritional support.

### 3313 The Family (Same as SO3313.)

### 3323 Development in Early Childhood:

**Social, Motor, and Intellectual**  
Survey of social, motor, and intellectual development and techniques for facilitating them in the preschool and primary years. Emphasizes play and its contributions. Includes methods and materials for developing quantitative concepts and skills, science concepts, and social skills. (Same as CD3323.) Prerequisite: CD or FL 3113.

### 4113 American Family Lifestyles

This course is an intermediate course in the rudiments of living within the context of marriage. While the course reviews the basic perspectives on marriage, the history of the family, and mate selection, its basic thrust is toward the development of lasting relationships through communication during the seasons of marital adjustment, parenting, expanding and shrinking family size, and the aloneness of old age.

### 4413 Family Crises and Treatment

This course introduces students to systems theory as used in marriage and family therapy. The course is one of reading and application. Timely books on such subjects as death, divorce, abuse, cancer, and addictions are read. Family counseling is practiced through role playing of the problems of family groups in the context of co-family counseling.

### 4613 Research Writing

This seminar-laboratory combination is intended to be the "cap" course for those students completing studies in either Child Development or Family Relations and moving toward graduate work in either area. It is a detailed library search for all possible findings related to a specific study field, preparation of abstracts of the material, and the preparation of a research paper related to the findings, developed according to APA Style.

### 4811 Practicum Theory

This is a final course which develops theory in conjunction with the practicum, which is to be taken concurrently. The course will review the practices in action during the work day and analyze their validity in future work situations. In the case of students taking the 3 hour child development practicum, the emphasis of their work will be on the development of children within an appropriate child-related setting, rather than the operation of an institution.

### 4813 Practicum in Child Development

This practicum (taken in conjunction with FL 4811) is a self-selected experience from among

approved settings within the area of child development. Camp experiences, commercial infant or child care, abused child facilities, health and physical education courses in local or private schools, or classes for handicapped children are all considered to be acceptable settings. The emphasis will be on routine work with curriculum and hands-on contact with children. A total of 60 clock hours (5 hours per week) during a trimester, or two weeks full-time experience in a camp or similar setting will fulfill course requirements.

**4818 Practicum for Day Care Administration**  
The practicum, developed with local day care institutions, represents the equivalent of a 24 hour work week extended over a full trimester in an approved and certified Day Care Center. The theory course, FL 4811, must be taken concurrently. A maximum of 12 hours will be allowed during the practicum trimester, which is intended to be the term of graduation.

### 4828 Practicum for Social Service Administration

The practicum represents the equivalent of a 24 hour work week in an approved program for the aging or a sheltered workshop arrangement to extend over a full trimester. The theory course, FL 4811, will be taken concurrently. A maximum of 12 hours will be allowed during the practicum trimester, which is intended to be the term of graduation.

### 4900 Independent Study in Family Life

Provides mature students an opportunity for individual research and guided readings. (1-4 hours.)

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## DEPARTMENT OF GEOGRAPHY

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### 113 Elements of Human Geography

This course focuses on the relationship between man and his environment and the effect of that relationship on political, cultural, economic and religious institutions.

### 2213 World Political Geography

An interpretative study of the political map of the world and some of its recent changes. Attention is focused on the role of location, physical environment, population, ethnic groups, natural resources, and technological change in the evolution of nation-states and dependent territories.

### 2313 Earth Science

An introduction to the process of land form development and the interaction of the hydrosphere and lithosphere. (Same as GS 2213.)

### 4900 Independent Study in Geography

Provides mature students an opportunity for individual research and guided readings. (1-4 hours.)

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## DEPARTMENT OF HISTORY

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### 1113 Western Civilization I

A survey of the history of man in the west up to 1650. Emphasis placed on social structure and change within the classical and medieval periods.

### 1123 Western Civilization II

A continuation of HI 1113 into the twentieth century. Attention especially given to the economic, political and social revolutions.

### 1213 American Heritage

A topical approach built around important events occurring in U.S. history. Includes: Western frontier, Black history, big business and the urban impact, women's rights and foreign policy since World War II.

### 2213 History of the U.S. to 1877

A survey of the social, economic, and political developments from colonization through the reconstruction era.

### 2223 History of the U.S. since 1877

A survey of American history from the end of reconstruction to the present.

### 2313 Oklahoma History

The exploration of Oklahoma, coming of civilized tribes and settlement by the white man, opening and statehood, constitution and government and economic and political developments.

### 3113 American Western Frontier

A survey of the westward movement from Jamestown to the Pacific, emphasizing the impact of the frontier upon American life.

### 3123 Topics in Western Civilization

An examination of the political, economic, social and cultural foundations of western civilization.

### 3173 Church History to 1517

Comprehensive historical survey of the Christian religion from its beginning to the sixteenth century reformation. Special emphasis given to the nature of the early church, later doctrinal controversies, papal development and outstanding personalities of this period.

### 3183 Church History 1517 to present

Christian history from the sixteenth century reformation through the nineteenth century restoration movement in America.

### 3193 The Restoration Movement

A study of the Scottish origins and American development of the restoration movement. Significant personalities and issues, as well as the history and spread of the movement will be studied.

### 3563 Nineteenth Century Europe, 1789-1890

Study will vary concerning the social, economic and political history of Europe from 1789 to the passing of Bismark. Special emphasis placed upon the French Revolution and its long range effects.

### 3583 Twentieth Century Europe, 1890-present

Study will vary concerning a survey of the period concentrating on the world wars and cold war, their causes, courses and effects.

### 3913 Renaissance and Reformation, 1400-1648

An examination of the cultural developments which appeared first in Italy and then spread to Northern Europe, a brief survey of the Protestant revolt and its political ramifications.

### 4113 Jacksonian Democracy, 1819-1850

An examination of the early national period with emphasis on economic and political activities, the rise of political parties, the Age of Jackson and the economic, political, social and geographic bases of sectionalism.

### 4213 Colonial American History, 1607-1789

Detailed history of the European background, discovery and settlement of the thirteen colonies. British colonial policy, religion, economic life, cultural development, the American Revolution and formation of the constitution.

### 4223 History of the South

A survey of the American South from initial settlement with emphasis upon the economic, political and social forces which have changed the culture of this particular region.

### 4313 Recent American History, 1877-1914

The aftermath of reconstruction, the occupation of the trans-Mississippi West, the revolutions in communications, agriculture and industry and their relation to political and social developments, the tariff, movements for reform, foreign relations and the progressive movement.

### 4323 American Diplomatic History I

The diplomatic history of the United States from the Constitutional period up to 1900. (Same as PS4323).

### 4333 American Diplomatic History II

American diplomacy from Theodore Roosevelt to the present time. Emphasis on the post-Kennedy years. (Same as PS4333).

### 4413 Contemporary American History, 1914 to the Present

Struggle for neutral rights, the United States and World War I, the 1920s with emphasis on economic and social developments, the New Deal, the United States and World War II and problems of each.

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## BEHAVIORAL & SOCIAL SCIENCES

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### Courses

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### 4513 Ancient Near East and Greece

An introduction to the milieu of the Old Testament and the beginnings of western civilization. The kingdoms of the Ancient Near East will be surveyed, while Greek political, social and cultural developments will be treated in some detail.

### 4523 History of Rome

A study of Rome from founding to fall with special attention given to the nature of Roman imperialism, culture, politics, and the roles of Jews and Christians in the Empire.

### 4614 Medieval Europe, 235-1500

A detailed study of the political, economic and social history of Europe from the decline of the Roman Empire through the end of the High Middle Ages, with special attention given to key institutions which have shaped the modern world.

### 4713 Methods of Historical Research

Introduction to the tools and techniques of the historian. Strongly recommended for students who plan to take upper division history courses.

### 4813 Tudor-Stuart England, 1485-1714

In-depth analysis of English history from Henry VIII to Anne.

### 4843 Civil War and Reconstruction

A study of the social, economic and political factors leading to the Civil War, 1860-1865, and the results of the conflict.

### 4900 Independent Study in History

Provides mature students an opportunity for individual research and guided readings. (1-4 hours).

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## DEPARTMENT OF PHILOSOPHY

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### 3113 Topics in Philosophy

A seminar to synthesize the concepts and ideas of the general education program. Although the content will vary, the course will emphasize ways of knowing and organizing information along with the place of values in a personal philosophy.

Prerequisite: HI3123 and junior standing.

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## DEPARTMENT OF POLITICAL SCIENCE

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### 1113 American Government

A survey of the American political system with special attention to the work of the three branches of government.

### 3113 History of Western Political Thought

The course of political thought in the west from Plato and Aristotle to Dewey, Freud and Russell.

### 3213 American Political Thought

History of American political ideas as shown by our political institutions, legislation, constitutional forms and by the writings of our statesmen, political leaders and philosophers.

### 3413 The Presidency

An analysis of the modern American presidency with emphasis upon its power and its interrelationships with the coordinate branches of government.

### 3553 Contemporary World Problems

A study of significant contemporary world social, economic and political problems approached from a historical viewpoint, combining international relations and geopolitics.

### 4113 Constitutional Law

A study of current public law and constitutional law court cases which acquaint the student with official interpretation of the Constitution and the lawmaking and judicial role of the Supreme Court.

### 4323 American Foreign Policy I

The student of United States foreign policy from 1789 to the beginnings of the Roosevelt Administration on 1900. (Same as HI4323.)

### 4333 American Foreign Policy II

Foreign policy from 1900 to the present time with emphasis on the past twenty years. (Same as HI 4333.)

### 4900 Independent Study in Political Science

Provides mature students an opportunity for individual research and guided readings. (1-4 hours.)

career decisions by synthesizing information about self and information about career options, and assume responsibility for implementing career plans through knowledge and use of effective job-hunting techniques.

### 1102 Seminar in Personal and Professional Success Strategies

A course in personal development designed to enhance the student's self-image, increase motivation, time management skills, study skills, and personal discipline.

### 2113 General Psychology I

Introduction to the methods and concepts of contemporary psychology.

### 2223 General Psychology II

Continuation of General Psychology I. Prerequisite: PY2113.

### 2312 Applied Student Development

An introduction to the field of student personnel work through theoretical study of student development and practical interpersonal skills training. The course is designed to provide training for prospective resident assistants and student leaders.

### 3113 Psychological Statistics

Elementary statistics with social and behavioral applications. (Same as SO3123.)

### 3223 History of Psychology

A comprehensive study of the history of psychological thought beginning with philosophical foundations and continuing to the present. Focus will be on major contributions and systems with which they are associated.

### 3313 Abnormal Psychology

A study of the definition, diagnosis and treatment of abnormal behavior. Prerequisite: PY2113.

### 3413 Social Psychology

A study of behavioral consequences of group and individual interaction. (Same as SO3413.) Prerequisite: PY2113.

### 3513 Child Psychology

A study of human growth and development from conception to early adolescence. Prerequisite: PY2113. (Same as FL3013.)

### 3524 Developmental Psychology

The physical, mental and social development of the normal individual from conception through adolescence. Prerequisite: PY2113.

### 3573 Psychology of Religion

A study of the relation between social dynamics, culture and religion with emphasis upon Christianity. Special attention to psychological and sociological bases to the religious life. (Same as SO3573.)

### 3612 Adolescent Psychology

A study of human growth and development from pre-adolescence through early adulthood. Prerequisite: PY2113.

### 3713 Personality

Structure and dynamics of personality development. Prerequisite: PY2113.

### 3813 Principles of Counseling

Client-centered counseling techniques, with introduction to the major approaches. Emphasis upon laboratory practice of counseling techniques. Prerequisite: PY2113.

### 3823 Principles of Clinical Psychology

An introduction to the field of clinical psychology through theoretical study and practical counseling experience. Prerequisite: PY2113.

### 3913 Psychology of Crime

Psychological aspects of criminal and anti-social behavior; comparison of psychological and legal factors in criminal investigation and testimony. Prerequisite: PY2113. (Same as SO3523.)

### 4113 Motivation and Emotion

Theoretical analysis of purposive behavior drives and motives; also biological and social origins. Prerequisites: PY2223 and PY3113.

### 4213 Psychology of Learning

The study of experimental psychology in the learning situation. Prerequisite: PY2113 advised.

### 4313 Organizational Behavior

Psychology of employee selection, training, proficiency evaluation, motivation, morale and reaction to working conditions. Prerequisite: PY2113. (Same as MG4313.)

### 4413 Physiological Psychology

A study of the nervous system and other physiological correlates of behavior. Prerequisite: One semester of biology or zoology. Fee.

### 4613 Introduction to Psychological Testing

An overview of the theory and content of evaluation instruments commonly used in fields of psychology to assess achievement, intelligence, special aptitudes and personality. General principles of construction, validation, administration, scoring and interpretation will be covered along with brief descriptive overviews of widely used instruments. Prerequisite: PY3113.

### 4623 Experimental Psychology

Planning, executing, analyzing data, and writing up results of psychological research projects. Methods and problems encountered will be explored. Prerequisite: PY3113.

### 4813 Psychology Seminar

Content varies. Course may be repeated.

### 4900 Independent Study in Psychology

Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior psychology majors or minors with approval of the divisional chairman. (1-3 hours.)

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## DEPARTMENT OF PSYCHOLOGY

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### 1011 Career/Life Planning

Involves exploration of personal abilities as well as the use of available resources to explore career options. Students completing such a course will learn to assume responsibility for

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## DEPARTMENT OF SOCIAL WORK

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### 2113 Introduction to Social Work

The field of social welfare services is surveyed, with attention to the historical development of social service programs and issues. Social service delivery systems are also introduced.

### 3213 Minority Groups (Same as SO3213.)

### 3513 Child Welfare

A study of child welfare services. Particular attention will be given to the areas of foster care, adoption. Institutional care, care of unweds and protective services.

### 3613 Human Behavior and the Social Environment

An examination of the biological, social, psychological, and spiritual systems as they affect and are affected by human behavior.

### 4113 Social Welfare Policy and Services

A study of the development of social welfare policies and services both from historical and current perspectives. Emphasis is placed on acquiring frameworks for analyzing legal, social, and economic policies in the light of principles of social, moral, and economic justice. Prerequisites: PS1113 and HI1213.

### 4613 Social Welfare Research Methods

An application of scientific methodology to social welfare research. Attention given to collection of data, identification of researchable problems and theoretical concepts.

### 4714 Social Work Practice Skills I

Examination and use of social work theories of intervention with individuals and family groups. Designed to integrate academic skills and practical application. Includes seminar for Social Work Field Practicum I (SW4814) in which the student should be concurrently enrolled.

### 4742 Social Work Practice Skills II

Further examination of social work theories of intervention, with emphasis placed on therapeutic groups and practice in the community setting. Includes seminar for Social Work Practicum II (SW4824) in which the student should be concurrently enrolled.

### 4814 Social Work Field Practicum I

Actual work experience in a local social agency to give the student opportunity to apply social work theory and to examine motives, motivation, and suitability for work in a service-related agency. (Variable credit, 1-4 hours; 50 clock hours required for each hour of credit.) Enrollment by departmental permission only.

### 4824 Social Work Field Practicum II

Continued field experience with a different social agency than in Practicum I to help the student become familiar with all levels of social welfare services. (Variable credit, 1-4 hours; 50 clock hours for each hour of credit.) Enrollment by departmental permission only.

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## DEPARTMENT OF SOCIOLOGY

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### 1113 Introduction to Sociology

A survey of the following areas: society and culture, personality, social processes, human collectivities, population and communities, social institutions and social change.

### 3113 Parent-Child Relations

Opportunities, responsibilities and problems faced by parents in guiding the development of children emphasizing recent research in the area of parent-child relationships. (Same as FL3113.)

### 3123 Social Statistics

Elementary statistics with application. (Same as PY3113.)

### 3213 Minority Groups

A consideration of the history, ethnic and cultural uniqueness, and racial makeup of groups in minority by definition. Further considerations include the relations these groups have with the majorities, their legal and social problems and research which has been done toward solution of these problems. Suggested prerequisite: SO 1113. (Same as SW 3213.)

### 3313 The Family

A study of the history and development of the family with emphasis on the family in modern American society.

### 3413 Social Psychology

Motivation and personality in social context. (Same as PY3413.) Prerequisite: PY2113.

### 3513 Comparative World Religions

A comparative study of the history, doctrines and sociological impact of the eleven world religions: Hinduism, Buddhism, Sikhism, Jainism, Zoroastrianism, Judaism, Christianity, Islam, Confucianism, Taoism and Shinto.

### 3523 Sociology of Crime

Psychological aspects of criminal and anti-social behavior, comparison of psychological and legal factors in criminal investigation and testimony. (Same as PY3913.) Prerequisite: PY2113.

### 3533 Juvenile Delinquency

The study of juvenile delinquency in relation to family, peer groups, community and institutional structures. Studies agencies of delinquency control, juvenile courts, probation, correctional institutions and community organizations.

### 3573 Sociology of Religion

A study of the relationship between social dynamics, culture and religion, with emphasis upon Christianity. Special attention to psychological and sociological bases to the religious life. (Same as PY3573.)

### 3613 Cultural Anthropology

An introduction to the concept and practice of cultural analysis with emphasis on cultural

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## BEHAVIORAL & SOCIAL SCIENCES

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### Courses

universals and differentials, ethnocentrism, acculturation and cultural change. Suggested prerequisite: SO1113.

### 3713 Contemporary Ethics (Same as BL 3713.)

### 3723 Gerontology

A study to include physical and health factors in aging; psychological aspects of aging; marriage, family and community relationships of older persons; economic and vocational factors in aging; perspectives of death, dying and grief; the aged and institutional care; aging and the law; and the future of social intervention, both public and private.

### 4143 Sociological Theory

Survey of the important sociological theorists from Comte until the present. Major emphasis on the philosophical backgrounds and evolution of the scientific approach.

### 4163 Methods of Social Research

Application of current methods of research to sociological inquiry with practical attention to the scientific method and experimentation. Suggested prerequisite: SO3123.

### 4513 Social Problems

A scientific analysis of the inception, structure and dynamics of the predominant difficulties of American culture with special emphasis on majority-minority relations, social deviation, subcultures, individual problems and social change. Suggested prerequisite: SO1113.

### 4813 Sociology Seminar

Content varies. Course may be repeated.

### 4830 Cross-Cultural Communication I

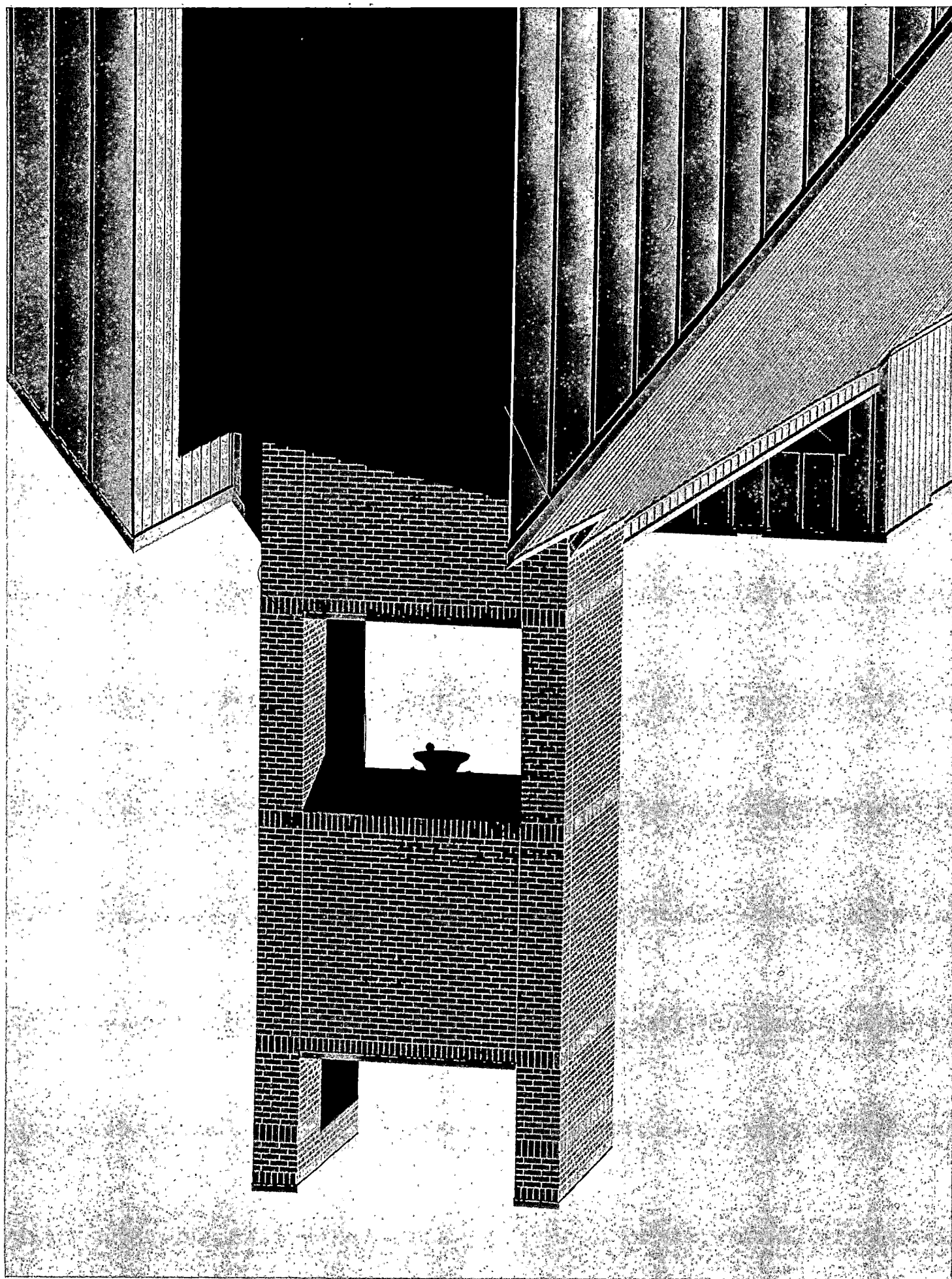
Normally taken by students in an exchange program with Ibaraki Christian College in Japan. (Variable credit, 2-4 hours.)

### 4840 Cross-Cultural Communication II

For students participating in the exchange program a second time. (Variable credit, 2-4 hours.)

### 4900 Independent Study in Sociology

Provides mature students an opportunity for individual research and guided readings. (1-4 hours.)



# Division of BIBLE

The Bible and Bible-related subjects occupy a central place in the university curriculum. A complete education includes a study of spiritual matters because the Bible is the only book which reveals God to man; it is the book which sets forth in a supreme fashion how man is to live in relation to other men.

Through the courses of the division of Bible and through various other activities, the university seeks to develop in the individual a desire for truth and to guide him in the path which leads to a discovery of truth. It seeks to develop in the student a strong commitment to Jesus

Christ, and through such commitment prepare him for home, church and community life.

Bible courses present the Bible as the inspired word of God. Related courses are offered which deal with introductory background materials in order that the message of the Bible be better understood. Biblical languages are taught so that those who so desire may study the Bible in the languages in which it was first written. Courses dealing with the practical side of Christianity are offered so the student may be prepared to translate theory into practice as he carries out his roles in the home, in the church and in society.

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## DEPARTMENTS

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Bible (BL)  
Greek (GR)  
Missions (MI)  
Religious Education (RE)  
Youth Ministry (YM)

Missions  
Non-textual Bible  
Religious Education  
Youth Ministry

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## DEGREES OFFERED

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B.A. Degree in Bible  
B.S. Degree in Bible  
B.A. Degree in Missions  
B.A. Degree in Preaching  
B.S. Degree in Religious Education  
B.S. Degree in Youth Ministry

(See Graduate catalog for information regarding the M.A. in Ministry)

### Minors:

Bible  
Biblical Language  
Church History

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## FACULTY

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Howard Norton, Ph.D., divisional chair, professor of Bible  
James Baird, Ph.D., professor emeritus of Bible  
Loren Gieger, Ph.D., associate professor of Bible  
Alex Humphrey, M.S., St.B., adjunct instructor in Bible  
William Jones, Th.D., professor of Bible  
Avon Malone, M.A., associate professor of Bible  
Lynn McMillon, Ph.D., distinguished professor of Bible  
Stafford North, Ph.D., professor of Bible,  
executive vice-president  
John Pennisi, B.D., associate professor of Bible  
Don Vinzant, D.Min., associate professor of Bible

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## LOCATION

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**Classrooms, faculty, and divisional offices:**  
Allison Biblical Studies Center

# BIBLE

## Degree & Minor Requirements

### General Education Courses

The following courses are designated as general education Bible courses which may be chosen by all students. It is recommended that Bible majors concentrate on upper level courses which have been designed specifically for Bible majors.

BL 1113	Genesis-Exodus
BL 1212	Gospel of Matthew
BL 2112	Acts of Apostles
BL 2212	I Corinthians
BL 2312	Evidences of Christianity
BL 3413	Christian Family
BL 3512	Prison Epistles
BL 3712	Hebrews
BL 4212	Great Christian Doctrine
BL 4312	Prophet Isaiah

See pages 52-54 for course descriptions.

### B.A. Degree in Bible

#### 58 hours, no minor required

This program is designed for those who wish to include a study of Greek in their preparation for either religious work or graduate school.

#### Degree requirements:

- 50 hours in Bible courses including:
  - at least 12 hours Old Testament textual courses.
  - at least 15 hours in New Testament textual courses.
  - 8 hours preaching and related courses: BL1612, 3753, and 3913.
  - at least 6 hours of other non-textual courses not counted above.
  - up to 9 hours from missions, religious education or youth ministry courses to complete the 50 hours.
- A minimum of 8 hours of Greek, normally GR1114 and GR1214, must be taken to satisfy the language requirement for this degree.

### B.S. Degree in Bible

#### 50 hours

This program is planned for those preparing for preaching or other religious service.

#### Degree requirements:

- 50 hours in Bible and related courses as follows:
  - at least 12 hours in Old Testament textual courses.
  - at least 15 hours in New Testament textual courses.
  - 14-17 hours of non-textual Bible courses including: BL1612, 3013, 3753, 3913, 4713.
  - 6 hours related courses from: PY2113, 3513, 3612, 3813; RE2113, 2412, 3013, 4312; SO1113.
- A minor is required with this major.

### B.A. Degree in Missions

#### 58 hours, no minor required

The B.A. in missions is a combined major-minor program of 58 semester hours. Like all other Bible related degree programs at Oklahoma Christian, it provides an acquaintance with the Bible text with the necessary auxiliary studies to allow special preparation for mission work.

#### Degree requirements:

- 19 hours in missions courses chosen from those listed in the catalog.
- 31 hours in Bible courses as follows:
  - at least 20 hours textual Bible courses.
  - at least 9 hours non-textual Bible courses chosen from: BL3013, 3113, 3413, 3713, 3913, 4862, 4864, 4893.
- 8 hours selected from the following related courses: BA1213; ED3211, 3213; MC1113; PY2113; RE2113, 4312; SO1113.
- Two courses in the same foreign language (6 hours minimum) are required for the B.A. degree.

### B.A. Degree in Preaching

#### 66 hours, no minor required

The preaching major is a B.A. degree program designed especially for students wishing to be pulpit ministers. This degree prepares students for the work of a local minister and lays a foundation for graduate studies.

In general education, the student must take PY2113, general psychology, as the behavioral science. Courses listed in the major may be used to satisfy the hours of Bible required in general education.

#### Degree requirements:

- 28 hours of textual Bible courses:
  - at least 9 hours Old Testament courses.
  - at least 15 hours New Testament courses.
  - 4 hours elective textual courses.
- 18 hours non-textual Bible courses:
  - 3 hours sermon preparation: BL3913.
  - 15 hours other including: BL3013, 3113, 3713, 4713.

Continued ↓

3. 20 hours in practical courses:
  - A. 8 hours in preaching seminars: BL1612, 3753, 4773.
  - B. 4 hours in preaching practicum: BL4824 (or BL4812 and 4822).
  - C. 3 hours communication performance courses chosen from one or more of the following: EN3512, 3813; MC1351, 1371; SP1311, 1331, 1341, 2313, 3123, 3313.
  - D. 5 hours minimum of related courses: PY3813; RE2412, 4312.
4. Two years of Greek (normally 14 hours) are required to satisfy the language requirement for this degree.

### **B.S. Degree in Religious Education**

#### **66 hours, no minor required**

This degree is for those wishing to work primarily in the educational program of the church. It combines study of the Bible text with practical 'how to do it' courses.

#### **Degree requirements:**

1. 30 hours religious education as follows:
  - A. 14 hours required: RE2113, 2412, 3213, 3222, 4212, 4222.
  - B. 4 hours required practicum: RE4812 and 4822; or RE4824.
  - C. 12 hours education and psychology: ED3211, 3213; PY3513, 3612, 3813.
2. 24 hours textual Bible courses:
  - A. at least 9 hours Old Testament courses.
  - B. at least 12 hours New Testament courses.
3. 12 hours electives chosen from:
  - A. any other courses in the Bible division, with RE3013 and 4312 strongly recommended.
  - B. related courses: AR3122; MC3613; or SP3213.

### **B.S. Degree in Youth Ministry**

#### **66 hours, no minor required**

The major in youth ministry is a combined major-minor program of 66 hours which offers students an opportunity to make special preparation to serve as youth ministers while laying a strong foundation in a study of the Bible and Bible related subjects.

#### **Degree requirements:**

1. 40 hours in youth ministry and related courses:
  - A. 13 hours youth ministry courses:
    - 1) 3 hours required: YM2113.
    - 2) 6 hours methods seminars chosen from: YM3112, 3122, 4112, 4122.
    - 3) 4 hours youth ministry practicum: YM4812 and 4822.
  - B. 10 hours religious education: RE2113, 3213, 4212, 4312.
  - C. 6 hours family courses: BL3413, SO3113.
  - D. 6 hours counseling: PY3813, 3823.
  - E. 5 hours other psychology: PY2113, 3612.

2. 22 hours textual Bible courses:
  - A. 6 hours minimum Old Testament.
  - B. 9 hours minimum New Testament.
3. 4 hours electives chosen from: BL3913; ED3211, 3213; MG3113, PE4112, RE2412, 3013; SP3313.

### **Bible Minor**

25 hours of Bible, textual or non-textual. (Does not include missions, religious education or youth ministry courses.)

### **Biblical Language Minor**

18 hours of Greek.

### **Church History Minor**

18 hours from the following courses: BL2713, 2813, 3113, 4513, 4713; HI3913, 4613.

### **Missions Minor**

18 hours: 12 hours chosen from missions courses other than missions experience, and six hours chosen from: BL3013, 3113, 3713, 4713; MI4811, 4812, 4813, 4814; PY3813.

### **Non-textual Bible Minor**

18 hours, with 9 hours in each of two of the following fields, or six hours in each of three of the following fields: church history, missions, religious education and youth ministry. (Note: courses which have been counted in a Bible major, or other major requiring courses listed in the Bible division, may not be counted in this minor.)

### **Religious Education Minor**

18 hours from courses in the religious education department.

### **Youth Ministry Minor**

18 hours from the following courses: (1) YM2113 required; (2) at least six hours from YM3112, 3122, 4112, 4122; (3) 9 hours from other courses in youth ministry and/or any course in religious education.

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## DEPARTMENT OF BIBLE

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### 1113 Genesis and Exodus

A study of two important historical books and of the use to be made in Christianity of the Old Testament. The following subjects are covered: the Biblical account of creation with a study of alternate beliefs such as the theory of evolution; science and faith; the nature of man; temptation and fall; the flood; call of Abraham and the beginning of race; the doctrine of divine election; the bondage and the exodus; the Ten Commandments and basic morality; type and antitype.

### 1212 The Gospel of Matthew

A survey of the history between the Testaments as a background for New Testament study, and a study of the life and teachings of Jesus as set forth in Matthew. Special attention is given to the deity of Jesus, his miracles, his teachings, his death and his resurrection.

### 1612 Introduction to Preaching

An inspirational introduction to the work of the preacher, providing an overview of the preaching major. *Non-textual.*

### 2112 Acts of Apostles

Emphasis on the major Christian doctrines taught in the first century and the application of those doctrines to the life of the early church.

### 2212 I Corinthians

A thorough analysis of Paul's epistle to the church at Corinth. Special emphasis is given to the problems faced by Christianity in a pagan center and to the application of Christian principles in solving various disorders in conduct and doctrine in a local church.

### 2312 Evidences of Christianity (Apologetics)

A study of the evidences for the existence of God, and the Bible as God's inspired revelation. Emphasis given to internal and external evidences of the inspiration of the Bible. *Non-textual*

### 2713 Church History to 1517

A comprehensive historical survey of the Christian religion from its beginning to the sixteenth century reformation. Special emphasis given to the nature of the early church, later doctrinal controversies, papal development and outstanding personalities of this period (same as HI3173). *Non-textual.*

### 2813 Church History 1517 to Present

A continuation of BL2713 dealing with Christian history from the sixteenth century reformation to the present, with emphasis on the nineteenth century restoration movement in America (same as HI3183). *Non-textual.*

### 3013 Hermeneutics

A study of the valid rules and principles governing correct Biblical exegesis. Designed to lead the student into a better understanding of how to study the Bible. *Non-textual.*

### 3113 The New Testament Church

A study of the establishment and growth of the church of the first century with special attention to the organization, mission work, worship and destiny of the church. *Non-textual.*

### 3213 The Pentateuch

An intensive study of the first five books of the Old Testament, with emphasis on the creation and fall of man, the call of Abraham, the Law and the formation of the nation.

### 3223 Galatians, I and II Thessalonians

A thorough analysis of three important Pauline epistles. Special attention given to the relation of Christianity to the Law of Moses and to the second coming of Christ.

### 3233 I and II Timothy, Titus

A thorough study of the epistles of Paul to Timothy and Titus with special emphasis on the work of the evangelist, and the qualifications and work of elders and deacons.

### 3313 James to Jude

Designed to acquaint the student with the specific content and principles for Christian living found in the General Epistles of the New Testament.

### 3413 Christian Family

A study of the marriage institution with emphasis on the characteristics of the Christian family and the varied relationships of its members with each other. *Non-textual.*

### 3512 Prison Epistles

A study of the historical background and the contents of the Prison Epistles. Emphasis is given to the outstanding teachings and the practical value of each epistle.

### 3513 Jeremiah to Malachi

The prophets of Israel in the order of their ministry, the relevance of the prophetic messages for today, and the prophecies concerning the coming of Christ and the establishment of his kingdom.

### 3573 Psychology of Religion

A study of the relationships between social dynamics, culture, and religion, with emphasis upon Christianity. Special attention to psychological and sociological basis to the religious life (same as PY3573 and SO3573). *Non-textual.*

### 3613 Job to Song of Solomon

A study of the Hebrew poetry and wisdom literature of the Old Testament. Emphasis given to such literature as a select instrument for the expression of the will of God for man. Emphasis also given to the problem of evil in Job, the use of Psalms in the worship of Israel, and the practical lessons of Proverbs.

### 3712 Hebrews

A detailed study of this important New Testament epistle with emphasis on the supremacy of Christ, the old covenant and the new covenant, the danger of apostasy, and the mighty deeds of the faithful.

### 3713 Contemporary Ethics

A general survey of the ethical teachings of the Bible, both Old Testament and New Testament, with emphasis on Biblical teachings in specific areas such as marriage and the home, divorce, business life, the state, race relations and the care of the physical body. Subjects of contemporary interest as interracial marriage, premarital sex, birth control and abortion are treated. Comparisons are made between Biblical ethics and other ethical systems (same as SO3713). *Non-textual.*

### 3753 Seminar on Preaching

The course covers such matters as the relationship between preachers and elders, personal and psychological problems the preacher may face, helping members in times of special need, applying for a job, conducting weddings, funerals, etc. *Non-textual.*

### 3913 Preparation and Delivery of Sermons (Homilectics)

A study of the organization and delivery of sermons. Prerequisite: SP1113 or consent of the professor (same as SP3913). *Non-textual.*

### 4212 Great Christian Doctrine

A systematic study of the Biblical teaching regarding the following: Revelation, God, Christ, and the Holy Spirit.

### 4312 The Prophet Isaiah

A general introduction to the Old Testament prophets with emphasis on their role in the nation. A detailed study of the prophet Isaiah with emphasis on his times, his message, his use of figurative language and his Messianic prophecies.

### 4313 Joshua through Nehemiah

An intensive study of the history of Israel from the formation of the nation through the return from Babylonian exile. Based on the historical books of the Old Testament.

### 4413 Daniel-Revelation

A study of the books of Daniel and Revelation as examples of apocalyptic literature from the Old and New Testaments. The content of these books is stressed with emphasis on the proper approach to this particular type of Biblical material. (Counts as either Old or New Testament.)

### 4423 Gospel of John

A study of the life and teachings of Jesus from the viewpoint of the Fourth Gospel. Comparison is made with the Synoptics in appropriate places. Particular emphasis is given to the recurring themes of belief and unbelief.

### 4513 History of the Bible

A study of the formation of the canon, the inspiration, transmission, and translation of the books of the Bible. Designed to provide a knowledge of and appreciation for the varied history of the English Bible. *Non-textual.*

### 4613 Romans

A thorough exegesis of the epistle to the church in Rome with attention to the great doctrines of Christianity emphasized by Paul in this book.

#### 4713 Restoration Movement

A study of the Scottish origins and American development of the restoration movement to the present day. Significant personalities and issues as well as the history and spread of the movement will be studied (same as HI3193). *Non-textual.*

#### 4723 Archaeology and the Bible

A study of archaeological findings of Biblical lands as these findings are related to Biblical history. *Non-textual.*

#### 4773 Seminar in Advanced Homiletics

The course will build on previous courses in speaking, writing, and homiletics, affording an opportunity for more sermon development, analysis of sermons, and preparation of a major sermon to be delivered before the Bible faculty. Prerequisite: BL3913. *Non-textual.*

#### 4812 Practicum in Preaching I

Practical experience in preaching under the guidance of an experienced supervisor. By approval only.

#### 4822 Practicum in Preaching II

Practical experience in preaching under the guidance of an experienced supervisor. By approval only.

#### 4824 Practicum in Preaching

Combination of BL4812 and 4822.

#### 4830 Non-textual Special Study

Content varies and may be repeated. (1-3 hours).

#### 4840 Old Testament Special Study

Content varies and may be repeated. (1-3 hours.)

#### 4850 New Testament Special Study

Content varies and course may be repeated. (1-3 hours.)

#### 4860 Cross-Cultural Evangelism

Normally taken by students in an exchange program with Ibaraki Christian College in Japan (2 or 4 hours).

#### 4890 Studies of Religions of Other Lands

Content will vary. By approval only (1-3 hours).

#### 4900 Independent Study

Independent Study in Old Testament, New Testament, or Non-Textual.

## DEPARTMENT OF GREEK

#### 1114 Elementary Greek I

An introductory course in the elements of Koine Greek. Particular attention will be given to vocabulary, declensions, and conjugations used in the New Testament.. Meets 4 hours weekly.

#### 1214 Elementary Greek II

A continuation of GR1114 with selected readings from the New Testament. Meets 4 hours weekly.

#### 2113 Intermediate Greek I

Designed to give the student who has completed courses in elementary Greek essential linguistic knowledge and skill for exegetical work in the Greek New Testament. Prerequisite: GR1214.

#### 2213 Intermediate Greek II

A continuation of GR2113 with more detailed and inductive study of New Testament Greek.. Prerequisite: GR2113.

#### 3113 Advanced Greek Readings I

Readings from various New Testament documents with concentration on the grammatical relationships between words. Prerequisite: GR 2213.

#### 3213 Advanced Greek Readings II

Readings from various New Testament documents, a formal exegesis, and special word studies. Prerequisite: GR3113

#### 4900 Independent Study in Advanced Greek Grammar

Assigned readings and reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of chairman of the division (1-3 hours).

## DEPARTMENT OF MISSIONS

#### 2113 Biblical Missions Methods

A study of the Biblical basis for world evangelism in the first century as depicted in the book of Acts and in the New Testament Epistles. A comparison is made between the world of Biblical times and the contemporary world, and a study is made of various mission fields and methods currently used. The practicality of New Testament principles and methods is stressed.

#### 2213 Mission Preparation

A course taught preferably by one who has served as a missionary. The following subjects are treated: the New Testament concept of missions and missions today; a description of the work of a missionary; preparation doctrinally for the mission field; emotional preparation; spiritual preparation; preparing the supporting home church; communicating with the home church; effective missionary methods for various fields; maintaining physical, mental, emotional, social, and spiritual health in the mission field.

#### 3113 The Missionary Woman

A study of the unique opportunity, challenge, and difficulties which married and unmarried women face on the mission field.

#### 3213 Introduction to Church Growth

A study of the dynamics involved in planning, sustaining, and reproducing growing churches. Emphasis is given to various factors which produce quantitative, qualitative and organic church growth.

## BIBLE

### Courses

#### 3513 World Religions

(Same as SO3513)

#### 3613 Cultural Anthropology

(Same as SO3613)

#### 4113 The Local Church and Missions

A study of the responsibility of the local church in world evangelism with suggestions concerning how to lead the local church to accept and carry out its missionary work.

#### 4810 Missions Experience

Practical experience in missions. By approval only (1-4 hours).

#### 4833 Cross-Cultural Communication I

Normally taken by an exchange student in a foreign setting.

#### 4843 Cross-Cultural Communication II

continuation of MI4833.

#### 4900 Independent Study in Missions

Assigned readings and reports or projects based on the needs of the individual student. Normally taken only by juniors or seniors with approval of chairman of the division (1-3 hours).

## DEPARTMENT OF RELIGIOUS EDUCATION

#### 2113 Introduction to Religious Education

A study of the preparation and characteristics of the qualified Bible teacher, with attention also given to the aims and methods of effective Bible instruction.

#### 2412 The Local Church Program

A study of planning, organizing, and executing the total program of a local church. Attention given to the role of each member in such a program.

#### 3013 Church Song Leading

The rudiments of music, sight singing and simple melodies, rhythmic principles and hymn appreciation as related to the problems of the church music director.

#### 3213 Organization and Administration of the Bible School

The work of an educational director: training and selection of teachers, literature and visual aids, methods for improving the quality of teaching, methods of promoting attendance, curriculum and class division and other related subjects.

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**DEPARTMENT  
OF  
RELIGIOUS EDUCATION  
Continued**

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**3222 Religious Education of Children**

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children from birth to 12.

**4212 Religious Education of Adolescents**

A study of the age characteristics, motivational principles, learning methods and curriculum for teaching the Bible to children 13-18.

**4222 Religious Education of Adults**

A study of the age characteristics, motivational principles, learning methods, and curriculum for teaching the Bible to adults.

**4312 Personal Evangelism**

Includes the methods and approaches for doing personal Bible instruction along with intensive study on the biblical issues which typically arise in doing such studies.

**4812 Practical Experience in Religious Education I**

Practical experience in a church situation under the guidance of an experienced teacher or supervisor. By approval only.

**4822 Practical Experience in Religious Education II**

Practical experience in a church situation under the guidance of an experienced teacher or supervisor. By approval only.

**4824 Practical Experience in Religious Education**

Combination of RE4812 and 4822.

**4830 Special Studies in Religious Education**

Content varies and may be repeated (1-3 hours).

**4900 Independent Study in Religious Education**

Assigned readings and reports or projects based on the needs of the individual student.

Normally taken only by juniors or seniors with approval of chairman of the division. (1-3 hours).

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**DEPARTMENT  
OF  
YOUTH MINISTRY**

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**2113 Introduction to Youth Ministry**

Will analyze and develop a workable theology for ministering to youth. Special attention will be given to the youth ministry philosophy as it relates to adolescent development, culture, education, the Word, relationships with family, staff, and God.

**3112 Making the Youth Program Evangelistic**

Discusses the ways to focus a youth program on outreach through such means as friendship evangelism, visitation, Bible studies, Vacation Bible Schools, and campaigns.

**3122 Individual Care and Morals of Youth**

How to use the "personal development" philosophy in a youth program and how to track each person in individual development. Also deals with current moral issues among youth and how to deal with them in a scriptural way.

**4112 Developing Spirituality in Youth**

Using methods available for helping youth to

develop spiritually. Covers such items as family life, Bible classes, training programs, retreats, camping, fellowship and devotionals.

**4122 Media and Youth**

Covers the use of audio and video media as well as puppets, newspaper, slides and movies as a means of teaching youth. The approach focuses primarily on using young people to produce materials for these media both as a means of service as well as a means of instruction. Some attention also is given to materials available for rent or purchase in these media for use in youth work.

**4812 Youth Ministry Practicum I**

Practical experience in teaching in a local church under the supervision of elders and in conjunction with a faculty supervisor. By approval only.

**4822 Youth Ministry Practicum II**

Practical experience in teaching in a local church under the supervision of elders and in conjunction with a faculty supervisor. By approval only.

**4900 Independent Study in Youth Ministry**

Assigned readings and reports or projects based on the needs of the individual student.

Normally taken only by juniors or seniors with approval of chairman of the division. (1-3 hours).



# Division of BUSINESS

The division of Business is committed to providing intense and well-rounded educational opportunities for students who want to become part of the business community. Central to this education is the belief that the free enterprise system is superior to other economic systems as

evidenced by the freedom and standard of living that it provides. Emphasis in the business division is on preparation for specific career opportunities and on understanding the nation's economy and business environment, all within the framework of Christian principles.

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## DEPARTMENTS

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Accounting (AC)  
Business Administration (BA)  
Economics (EC)  
Finance (FN)  
Informations Systems (IS)  
Management (MG)  
Marketing (MK)  
Office Information Management (OM)

Economics  
Finance  
Management  
Marketing  
Word Processing/Office  
Information Management

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## DEGREES OFFERED

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B.S. Degree in Accounting  
B.S. Degree in Business Administration  
B.S. Degree in Business Administration,  
Pre-law emphasis  
B.S.E. Degree in Business Education  
B.S. Degree in Computer Information Systems  
B.S. Degree in Finance  
B.S. Degree in Management  
B.S. Degree in Marketing  
B.S. Degree in Office Information Management  
Certificate for Two-year  
Short Course for Administrative Assistants

### Minors:

Accounting  
Business Administration  
Business Pre-law  
Computer Information Systems

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## FACULTY

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Howard Leftwich, D.B.A., C.P.A., divisional chair,  
professor of accounting  
Ralph Burcham, M.B.E., professor of information systems  
Jim Carter, M.B.A., assistant professor of marketing  
Bill Goad, Ed.D., C.D.P., associate professor  
of information systems  
Kevin Jacobs, J.D., assistant professor of business law  
Harold Logan, M.S., C.P.A., associate professor  
of accounting  
James A. Rix, Ph.D., C.P.A., professor of finance  
Jack Skaggs, Ed.D., associate professor of management  
Steve Small, M.Ed., assistant professor  
of office information management  
Melvin Stinnett, M.A., C.P.A., associate professor  
of accounting

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## LOCATION

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**Classrooms and faculty offices:**  
Harvey Business Center

**Divisional office:**  
HBC 101

# BUSINESS

## Degree Requirements

### Business Core Courses:

All students majoring in Accounting, Business Administration, Finance Management, and Marketing are required to take the business core courses and should follow these general guidelines when planning their class schedules. The business core of courses is divided into three groups: Lower Division, Upper Division, and Capstone. The courses in each of these groups must be completed before taking courses in the next group.

### Lower Division (21 hours)

BA	1213	Introduction to Business
AC	2113	Accounting Principles I
AC	2213	Accounting Principles II
EC	2113	Macroeconomics
EC	2213	Microeconomics
IS	2113	Introduction to Computers in Business
MA	2913	Statistical Methods

### Upper Division (18 hours)

BA	3313	Business Communications
BA	4213	Business Law
FN	3113	Financial Management
MG	3113	Principles of Management
MG	3213	Production/Operations Management
MK	3313	Principles of Marketing

### Capstone (3 hours)

MG	4613	Seminar in Business Policy
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Note: All business majors are required to take EC2113, Macroeconomics, and MA1413, Finite Math, in general education.

### Guidelines for planning class schedules

Experience has shown that the increasing level of business knowledge and skill provided by taking classes according to the following guidelines results in greater success for the student. Certain lower division courses should be completed before enrolling in upper division business courses.

1. The student will be cleared to take upper division business courses when the following requirements are met:
  - A. Completion of the general education requirements in Communication and Logic (EN1113, 1213; SP1113, MA1413).
  - B. Completion of the lower division business core courses.
  - C. Maintenance of at least a 2.00 grade point average.
2. Students who do not meet these requirements may be granted restricted approval to enroll in upper division business courses. If the students drop any lower division core courses while on restricted approval, the student must complete such courses before enrolling in another upper division business course. Restricted approval will be granted when the student:
  - A. Completes an application in the division of business office.
  - B. Enrolls in all remaining lower division courses.
  - C. Has a 2.00 grade point average.

### B.S. Degree in Accounting

#### 69 hours, no minor required

Students following this program are prepared for entry level positions in public, private and governmental accounting. They will also have the basic background required for the completion of the Certified Public Accountant examination.

#### Degree requirements:

1. The Business Core, 42 hours. (See this page for business core requirements.)
2. A minimum of 27 hours in the following specialized courses:
  - A. 24 hours accounting:
    - 1) 18 hours required: AC3113, 3213, 3313, 3413, 4113, 4413.
    - 2) 6 hours chosen from: AC3513, 3713, 4213, 4313.
  - B. BA4313.
3. OM1113 is required if a typewriting course was not taken in high school.

### B.S. Degree in Business Administration

#### 42 hours

This program is a general one, preparing the student for entry into industrial or governmental organizations, but without specialization in a specific discipline within the business area.

#### Degree requirements:

1. The Business Core, 42 hours. (See this page for business core requirements.)
2. OM1113 is required if a typewriting course was not taken in high school.

Continued ▶

3. A minor of 18 semester hours in any minor program. If a minor is chosen in the division of business it must be exclusive of the work specified above, or if work specified above is used for minor credit, additional hours from the division of business must be substituted for the major.
4. Students wishing to prepare for law school with a degree in business are advised to obtain a minor in business pre-law. In addition it is suggested that students take as general electives SP1213 and other appropriate advanced speech courses.

### **B.S.E. Degree in Business Education** **42 hours**

The business education curriculum is designed to lead to preparation for the certification examinations in all high school business subjects. Under the present certification requirements for the State of Oklahoma, a student must pass an umbrella examination as well as subject examinations for each course for which certification is desired. The student is encouraged to study the objectives for each of the subject areas in order to prepare for the certification examinations.

#### **Degree requirements:**

1. Complete the professional education requirements for secondary certification as listed on page 81.
2. Complete a minimum of 36 semester hours in the following specialized business courses: AC2113, 2213; BA3313, 4213; IS2113; EC2013, 2113; OM1213, 3513, 3613, 4413 and 3 hours business math.
3. Complete 6 additional hours in one of two programs: First, for those certifying in shorthand, complete OM3113, 3213; or second, for those not certifying in shorthand, complete 6 hours from the following areas: accounting, business administration, economics, finance, information systems management, or marketing.
4. Suggested elective courses: AC3113; BA1213, 4313; EC2213; IS2213; MG3113, 4313, 4513; OM2112, or other courses in word processing or desktop publishing.

### **B.S. Degree in Computer Information Systems** **66 hours, no minor required**

This program provides students with the knowledge, abilities and attitudes to function effectively as application programmer/analysts and systems analysts in the data processing profession.

#### **Degree requirements:**

1. 12 hours computer science courses: CS1113, 1123, 2413, 2423.
2. 21 hours information systems courses: IS2113, 2213, 2223, 3613, 4213, 4223, 4323.
3. 21 hours business courses: BA1213, AC2113, 2213, FN3113, MG3113, 3213, MK3313.

4. 12 hours other courses: MA1623, 2113, 2913; EN3493.

Note: EC2113, Macroeconomics, and MA1413, Finite Math, are required in general education.

### **B.S. Degree in Finance** **60 hours, no minor required**

#### **Degree requirements:**

1. The business core curriculum, 42 hours. (See page 56 for business core requirements.)
2. 18 hours of the following specialized business courses:
  - A. 3 hours accounting: AC3113 or 3323.
  - B. 15 hours finance courses: FN3513, 3613, 4113, 4313, 4613.

### **B.S. Degree in Management** **60 hours, no minor required**

The business management program is oriented toward the behavioral and organizational aspects of industrial, commercial and institutional organizations. The student is preparing for a career in supervisory and management positions.

#### **Degree requirements:**

1. The Business Core, 42 hours. (See page 56 for business core requirements.)
2. A minimum of 15 hours of the following specialized business courses: AC3323, EC3613, IS3613, MG4313, 4513.
3. 3 hours from FN3513 or 3613.
4. OM1113 is required if a typewriting course was not taken in high school.

### **B.S. Degree in Marketing** **60 hours, no minor required**

The basic purpose of the marketing program is to prepare men and women for positions of marketing management and marketing research responsibility in business, government and other organizations. The program seeks to develop skills for the recognition and analysis of marketing problems, both from organizational and external market perspectives. It seeks to provide knowledge of the concepts and methods of marketing problem solving in the solution of marketing problems and in planning for the future.

#### **Degree requirements:**

1. The Business Core, 42 hours. (See page 56 for business core requirements.)
2. A minimum of 12 hours in the following specialized courses: MK4313, 4413, 4513, 4613.
3. 3 hours from MG4313, 4513, or EC3613.
4. 3 hours from mass communications: MC3213 or 3313.
5. OM1113 is required if a typewriting course was not taken in high school.

## BUSINESS

### *Degree & Short Course Requirements Minor Requirements*

#### **B.S. Degree in Office Information Management (with shorthand)**

**40 hours, minor required**

Students following this program prepare themselves for positions in office information management careers. Special preparation may be made for medical or legal secretarial positions. The program includes an emphasis in word processing.

Degree requirements:

1. 28 hours in office information management courses: OM1213, 2112, 3213, 3513, 3613, 4413, 4622, 4713, 4723, and 4733.
2. 12 hours in business and computer courses: BA1213, 3313; IS2113, 2213.
3. Take EC2113 and MA1133 in general education.

#### **B.S. Degree in Office Information Management (without shorthand)**

**43 hours, minor required**

Degree requirements:

1. 25 hours required in office information management courses: OM1213, 2112, 3513, 3613, 4413, 4622, 4713, 4723, and 4733.
2. 18 hours required in business courses: AC2113, BA1213, 3313; IS2113, 2213; MG3113.
3. Take EC2113 and MA1133 in general education.

Note: In each of the above Office Information Management degrees, if the student has sufficient high school shorthand or typewriting, substitutions may be made for certain courses based on departmental approval.

#### **Short Course for Administrative Assistants 64 hours**

A two-year short course for office administrative assistants is offered for the student who desires to prepare for a business career as an administrative or executive secretary or as a word processor.

Students who are in doubt about remaining at Oklahoma Christian the entire four years or who wish to acquire skills quickly in order to do part-time work while they are attending school should consider this program. If the student decides to complete the degree program in Office Information Management, there will be no loss of credit or time. If the student can attend only one year, these programs may be varied to meet individual needs.

Upon the satisfactory completion (with a minimum grade-point average of 2.5) of the 64 hours prescribed below, an Administrative Assistant Certificate will be awarded to the student as part of the commencement exercises in the trimester the program is completed. Normally, no substitutions are allowed in the program; any changes must be approved by the department.

Certificate requirements:

1. 19 hours in general education courses: BL1113, 1212, 2112, 2212; ED1111; EN1113, 1213; MA1133.
2. 15 hours in business and computer courses: AC2113; BA1213, 3313; IS2113, 2213.
3. 30 hours in office information courses: OM1213, 2112, 3213, 3513, 3613, 4413, 4622, 4713, 4723, 4733, and 2 hours independent study courses.

#### **Accounting Minor\***

18 semester hours including AC2113, 2213, 3113, and 3213. The additional six hours can be chosen from other upper level accounting courses. IS2113 and EC2113 are also required of all students who minor in accounting.

#### **Business Administration Minor\***

18 hours including the following course work: AC2113, 2213; IS2113; EC2113; MG 3113 and MK 3313. Other minor combinations must be approved by the divisional chairman and the student's advisor.

#### **Business Pre-Law Minor\***

Students preparing for law school with a degree in business are advised to obtain a minor in business pre-law by taking the following courses: AC3413; BA4313; EC3613; EN3813; PS3553, 4113.

### **Computer Information Systems Minor**

The minor consists of 18 hours information systems courses as follows: CS1113, IS2113, 2213, 2223, 3613, and 3 hours chosen from IS3713 and 4213. (All students who minor in CIS must also complete BA1213.) Other minor combinations must be approved by the divisional chairman.

### **Economics Minor\***

Students may obtain a minor in economics by taking EC2113, 2213, 3613; FN3513 and MA2913. Three additional hours can be taken from HI4113; PS3113, 3213, 3553, 4113, 4323 and 4333.

### **Finance Minor**

BA1213, AC2113, 2213; and EC2113 are required of all students who minor in finance. The minor consists of FN3113, 3513, 3613, and 9 hours chosen from AC3113 or 3323; FN4113, 4313, 4613 or other business courses approved by the divisional chairman.

### **Management Minor**

The minor consists of 18 hours of business and management courses. IS2113 and MG3113 are required. The remaining 12 hours can be chosen from MG3213, 4313,

4513; EC3613, IS3613, and FN3113. (All students who minor in Management are also required to complete AC2113.) Check course listings in the catalog for additional prerequisites. Other minor combinations must be approved the the divisional chairman.

### **Marketing Minor**

The minor consists of 18 hours of business and marketing courses. EC2213, IS 2113, and MK3313 are required. The remaining 9 hours can be chosen from MK4313, 4413, 4513, and 4613. (All students who minor in Marketing are also required to complete AC2113.) Check course listings in the catalog for additional prerequisites. Other minor combinations must be approved by the divisional chairman.

### **Word Processing/Office Information Management Minor**

18 hours to be completed from the following courses: IS2113, 2213; OM1213, 3513, 3613, 4413, 4713, 4723, 4733. Any substitutions must be approved by the department.

\*A teaching minor requires a minimum of 24 hours. See OC Teacher Certification Handbook for specific course requirements.





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## DEPARTMENT OF ACCOUNTING

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### 2113 Accounting Principles I

Purpose of accounting, recording transactions, preparing financial statements, the use of special journals and general and subsidiary ledgers, introduction of accounting principles, accounting for a merchandising firm, payroll accounting.

### 2213 Accounting Principles II

Continuation of Accounting Principles I. Accounting systems, partnership accounting, corporation accounting, additional accounting principles, analyzing and interpreting financial statements, development of management decision-making accounting date, introduction to budgeting and cost accounting. Prerequisite: AC2113.

### 3113 Intermediate I

Study of accounting theory and assumptions underlying generally accepted accounting principles related to financial statements generally, and all assets, specifically. Special consideration is given to pronouncements of the Financial Accounting Standards Board, American Institute of Certified Public Accountants, American Accounting Association and the Securities and Exchange Commission. Prerequisite: AC2213.

### 3213 Intermediate II

Continuation of Intermediate I. Study of generally accepted accounting principles related to liabilities and capital, financial statement analysis, statement of changes in financial position, price level accounting and leasing transactions. Prerequisite: AC3113.

### 3313 Cost Accounting

The development of cost and accounting data for internal use in planning, control and decision-making by managers. Topics and tech techniques studied are job-order and process cost accounting; accounting for materials, labor, and factory overhead costs; standard cost accounting; payroll; budgeting; responsibility accounting; cost-volume profit analysis and direct costing. Prerequisite: AC2213.

### 3323 Managerial Accounting

Study of the use of cost accounting data as a tool for planning, control, and decision-making by managers. Topics studied include the nature of costs and their behavior; design of job order and process cost accounting systems; cost-volume-profit relationships and profit planning; segmented reporting; comparison of direct costing with absorption costing; control of operations through standard costs and flexible budgets; pricing of products and services; relevant costs for decision-making; and capital budgeting. Prerequisite: AC2213.

### 3413 Income Taxation

An introduction to the federal income tax considering income, deductions, payment of tax and other matters relating to personal income tax returns. Prerequisite: AC2213.

### 3513 Advanced Federal Taxation

A continuation of the study of the federal income tax as it relates to corporations, partnerships and fiduciaries. Also included is study of more specialized income tax problems and the federal social security, estate and gift taxes. Prerequisite: AC3413.

### 3713 Accounting Information Systems

Concepts underlying the analysis, design, use, control, and audit of accounting information systems. The flow of accounting information through computerized information systems will be emphasized. (Same as IS3713) Prerequisites: IS2113 and AC2213. Fee.

### 4113 Advanced Accounting

Study of specialized accounting applications based upon the foundations of procedures and theory presented in the principles course. Accounting problems related to partnerships, branch operation, foreign operation, corporate liquidation and reorganization, fiduciaries, non-profit entities, installment sales and consignments are studied. Prerequisite: AC2213.

### 4213 Consolidated Financial Statements

A study of accounting problems related to mergers and acquisitions, the consolidation of parent company and subsidiary financial statements, interim statements and segment reporting. Prerequisite: AC3213.

### 4313 Advanced Cost and Managerial Accounting

Additional study in the development of cost and managerial accounting data for use in planning, control and decision-making by managers. Covers incremental costs, flexible budgeting, capital budgeting, inventory models, decision-making behavior under uncertainty and determination of cost. Prerequisite: AC3313.

### 4413 Auditing

Preparation toward a professional accounting career as a Certified Public Accountant in examining and rendering professional opinions on the fairness of organizations' financial statements. The nature of auditing, internal control systems, auditing techniques and evidence, audit working papers and reports, and professional ethics and independence are emphasized. Prerequisite: AC2213.

### 4900 Independent Study in Accounting

Assigned readings, reports and research projects based on the needs of the student. Credit, 1-3 hours. Limit which may be counted toward major: 3 hours.

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## DEPARTMENT OF BUSINESS ADMINISTRATION

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### 1213 Introduction to Business

An introduction to the financial, personnel, organizational, marketing and production functions of business. Students participate in a computerized business simulation.

## BUSINESS

### Courses

### 2913 Business Law

Same as BA4213, but taken during a trimester abroad.

### 3313 Business Communications

Training in the writing of effective communications in typical business situations. Review of correct English usage in business writing. Prerequisites: EN1113 and 1213, OM1113 or equivalent. Fee.

### 4213 Business Law

A survey of the Anglo-American system of jurisprudence as the legal background for the operation of the free-enterprise system in our society. Considers the historical, ethical, social and practical perspectives. Examines the basic rules of law pertaining to contracts, property, sales, negotiable instruments, secured transactions, agency, employment, partnerships, corporations, insurance, bankruptcy and wills.

### 4313 Legal Problems in Business

A continuation of BA4213. Covers the same subject areas but goes into greater detail. Deals exclusively with developing appropriate solutions for legal problems in business. Intended primarily for students preparing to take CPA exam. Also useful for those preparing to enter law school or to teach business law in high school. Prerequisite: BA4213.

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## DEPARTMENT OF ECONOMICS

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### 1112 The Free Enterprise System

A study of the issues in a free enterprise economy such as business profits, unemployment, inflation, money, the role of government, individual's standard of living and productivity. The objective is to increase the student's understanding of issues that the media, politicians, business leaders, education and others refer to on a day-to-day basis.

### 2013 Consumer Economics

(For business education majors) A study of basic consumer economics as related to the use of money, goods, services and management of the home.

### 2113 Macroeconomic Principles

A study of the economic system as a whole, dealing with price levels, employment, the level of total production of goods and services, and growth. Includes study of the free-enterprise system and of government monetary and fiscal policy.

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## DEPARTMENT OF ECONOMICS Continued

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### 2213 Microeconomic Principles

A study of specific economic units within a free enterprise economy such as individual consumers, businesses or industries. The pricing and output of goods and services and the pricing and employment of labor and capital are studied.

### 2313 Engineering Economics

History, money supply, supply and demand, time value of money, money management, economic measurement, break-even analysis, system analysis, decision-making in engineering and management.

### 3613 Labor Relations and Labor Economics

An interdisciplinary study of labor in the USA, with careful attention to the historical development and current status of the labor force, labor organizations, collective bargaining, wages, labor law and unemployment. Places particular emphasis upon the practical considerations of concern to managers and supervisors. Prerequisites: EC2113, 2213.

### 4900 Independent Study in Economics

Guided readings or research projects arranged in consultation with advisor. Prerequisites: junior or senior standing and approval of divisional chairman. (1-3 hours.)

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## DEPARTMENT OF FINANCE

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### 3113 Financial Management

Study of the objectives and techniques of the the finance function of the firm. Financial ratios, cash budgets, break-even analysis, leverage, quantitative tools, security evaluation, cost of capital, capital budgeting, working capital management, sources of capital for expansion and evaluation of the capital structure are studied. Prerequisites: EC2113 and AC2213.

### 3513 Money and Banking

A study of the nature, history and functions of money and monetary institutions. Gives particular attention to central banking, the Federal Reserve System, free enterprise, governmental control, the money supply, foreign exchange and the interrelationships among monetary theory and the theories of prices and unemployment. Prerequisites: EC2113, 2213.

### 3613 Investments

A practical study of securities and securities markets. Emphasizes understanding securities markets and development of principles and models for the valuation of common stocks and

bonds. Attention is also given to analysis of alternative investments such as options, warrants, convertibles, futures and mutual funds. Prerequisite: FN3113.

### 4113 Advanced Financial Management

An in-depth study of the theories and practices related to the financial administration of the firm. Areas covered include valuation models, risk analysis, advanced topics in capital budgeting, capital structure and dividend policy, long-term financing decisions and asset management. Prerequisite: FN3113.

### 4313 Financial Markets and Institutions

An analysis of financial markets and institutions. Includes a study of nonbank financial institutions, the nature and importance of the various financial markets, contemporary problems and issues, and the interaction of the United States' financial system with the rest of the world. Prerequisites: EC2113 and FN3113.

### 4613 Security Analysis and Portfolio Management

A study of the rational decision-making process in which the investor attempts to select a security or a portfolio of securities that meets a predetermined set of goals. Topics studied include security returns and valuation, the framework of risk return, evaluation of common stocks through economic, industry and company analysis, bond analysis, options and futures, technical analysis, efficient market theory, portfolio analysis and selection, capital market theory, international diversification and performance measurements of managed portfolios. Prerequisite: FN3613.

### 4713 Principles of Insurance

A study of the theory and general principles of insurance. An analysis of the relationship between risk and insurance. A detailed look at the organization and operation of insurance companies. Different types of insurance will be analyzed including property, casualty, health and life.

### 4723 Real Estate Principles

An introduction to the field of real estate. Topics to be covered would include real estate valuation, financing real estate, ownership forms, productivity analysis, real estate law, and government regulations.

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## DEPARTMENT OF INFORMATION SYSTEMS

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### 2113 Introduction to Computers in Business

An overview of computer information systems and the use of computers in business. This survey course introduces the computer hardware, software procedures, systems, and human resources and their application in business. The fundamentals of problem solving are discussed and applied in typical business software packages and through programming in a higher-level language. Fee.

### 2213 Microcomputer Applications in Business

Intermediate level coverage of microcomputer applications. Emphasis on the role of microcomputers in business information systems and on developing the skills necessary to use major commercial microcomputer software. The capabilities and limitations of microcomputer hardware and software will be discussed. Prerequisite: IS2113. Fee.

### 2223 COBOL

In-depth coverage of the COBOL programming language. Business applications and file processing will be emphasized to provide knowledge and experience in the use of secondary storage devices. Prerequisite: CS1123. Fee.

### 3613 Management Information Systems

A study of the conceptual and practical foundations of information processing support for management decision-making and control functions. Topics include office automation, decision support systems, the systems of life cycle and real world applications of computerized information systems with an emphasis on current issues and developments in the field. Prerequisites: IS2113 and BA1213 or MG3113. Fee.

### 3713 Accounting Information Systems

Concepts underlying the analysis, design, use, control, and audit of accounting information systems. The flow of accounting information through computerized information systems will be emphasized. (Same as AC3713.) Prerequisites: IS2113 and AC2213. Fee.

### 4213 Systems Analysis and Design Methods

An overview of the systems develop-life cycle with emphasis on the tools and techniques of information analysis and logical design of the system. Case studies with representative deliverables prepared by students are used to develop proficiency in information analysis techniques. Prerequisite: IS2223. Fee.

### 4223 Systems Analysis and Design Projects

Advanced coverage of the strategies of structured systems development with an emphasis on formalizing the systems design process. Students will work in a project team to complete a major systems development project as a capstone to integrate all course work in CIS. Prerequisite: IS4213. Fee.

### 4323 Database and Management Systems

An introduction to databases and database management software. Topics covered include file organizations and the design and implementation of the major database models with an emphasis on increasing student understanding of how resources can be managed to support effective information systems in organizations. (Same as CS4323.) Prerequisites: CS1123, 2243. Fee.

### 4900 Independent Study in Information Systems

Assigned readings, reports, research projects, system development projects based on the

Continued ▶

needs of the student. Prerequisite: junior or senior standing and approval of the divisional chairman. Credit, 1-3 hours. Limit toward major: 3 hours. Fee.

## DEPARTMENT OF MANAGEMENT

### 3113 Principles of Management

An introduction to the management processes of planning, organizing, leading and controlling. The theory and history of management, decision-making, policy planning, organization planning, supervising, coordinating and controlling, and personnel management are studied. Prerequisite: BA1213 and junior standing or instructor approval.

### 3213 Production/Operations Management

A study of the production operations function in business including the creation of both goods and services. Attention is given to the design, location, and operation of the productive system and its interrelationship with other systems in the organization. Places special emphasis on the use of quantitative techniques in decision-making. Prerequisites: MG3113 and the lower division business core.

### 4313 Organizational Behavior

An integration of social sciences as they affect people at work. The organization is analyzed from the standpoint of three interacting systems: the individual, the group and the organization itself. Emphasis is placed on managing organizational behavior. Prerequisite: PY2113. (Same as PY4313.)

### 4513 Personnel Management

A study of the major personnel management processes including staffing, training and development, appraisal, compensation, leadership, organizational justice, labor relations, quality of work life and employee health and safety. Course focuses on contemporary personnel management issues. Prerequisites: IS2113, MG3113, MA2913.

### 4613 Seminar in Business Policy

A capstone seminar which draws together the concepts and tools studied in previous business courses. Uses the case method of instruction and a computer-based simulation. Affords practice in analyzing authentic managerial problems in free enterprise from the varying viewpoints of diverse disciplines and practice in forming workable solutions which consider both technical factors and human ones. Gives particular attention to the standards of conduct appropriate for Christian leaders. Prerequisites: Senior standing and the upper division core courses.

### 4900 Independent Study in Management

Assigned readings, reports and research projects based on the needs of the individual students. Prerequisites: junior or senior standing and approval of divisional chairman. Credit, 1-3 hours. Limit which may be counted toward major: 3 hours.

## DEPARTMENT OF MARKETING

### 3313 Principles of Marketing

An introduction to the fundamentals of marketing. Product distribution, promotion and price are studied with emphasis on the marketing aspects of managerial decision making in a dynamic society. Prerequisite: BA1213 and junior classification or instructor approval.

### 4313 Promotional Strategies

An introduction to the various communication channels available for the spread of promotional information about goods, services and ideas to prospects. Gives special attention to the behavioral considerations. Places particular emphasis upon the duties of marketing managers in planning, implementing and controlling a program of promotional communication. Prerequisite: MK3313.

### 4413 Consumer Behavior

The study of consumer motivations and values in the light of social and psychological theory. This background provides standards of the social and human evaluation of marketing activities, with emphasis on consumer motivation and consumer psychological makeup. The course develops the relationship between social and psychological factors in marketing activities. Prerequisites: MK3313 and PY2113.

### 4513 Marketing Research

The study of marketing research theory and technique with special emphasis in the use of the scientific method. The course seeks to develop the student's analytical ability, to familiarize the student with the basic marketing research tools and to develop the student's proficiency in the art of writing research reports. Prerequisite: MK3313, MA2913, IS2113. Fee.

### 4613 Marketing Management

A study of managerial aspects of the marketing function, emphasizing the qualitative criteria utilized in evaluating marketing alternatives. The course includes topics related to the decision making process such as: marketing, research, product development, advertising and promotion, sales management, cost and demand analysis, competition, pricing, packaging and forecasting. Prerequisites: MK3313, 4313, 4413.

### 4900 Independent Study in Marketing

Assigned readings reports and research projects based on the needs of the student. Prerequisite: junior or senior standing and approval of divisional chairman. Credit, 1-3 hours. Limit which may be counted toward major: 3 hours.

## BUSINESS

### Courses

## DEPARTMENT OF OFFICE INFORMATION MANAGEMENT

### 1113 Keyboarding I

For students with no previous instruction in typewriting. Stresses the touch system of typewriting with emphasis on correct technique—proper stroking, rhythm, speed and accuracy, introduction to standard business letter styles, centering, simple tabulation and carbon copies. Class, 5 hours. Fee.

### 1213 Intermediate Typewriting

Emphasis on increased skill development in the techniques of typewriting, and the application of this skill to the practical problems in letter styles, manuscripts, rough drafts, tabulations, multiple carbons, business forms and legal documents. Prerequisite: OM1113 or its equivalent. Class, 5 hours. Fee.

### 2112 Records Management

Comprehensive coverage of filing systems—alphabetic, subject, numeric, geographic and special systems; methods and procedures of maintaining records studied in relation to management. Prerequisite: OM1113 or its equivalent. Class, 2 hours. Fee.

### 3113 Beginning Shorthand

For students with no previous instruction in shorthand. Complete theory of Gregg Shorthand presented. Emphasis on the correct technique of reading and writing shorthand accurately and fluently. Automatization of brief forms and dictation on practiced material. Class, 5 hours. Fee.

### 3213 Intermediate Shorthand

A continuation of SS 3113 with emphasis on speed and vocabulary building and the development of skill in taking new dictation. Accurate transcription from student's own shorthand notes. Prerequisite: Grade of 'C' in OM1213 and 3113. Students with shorthand in high school are admitted by recommendation of the professor. Class, 5 hours. Fee.

### 3513 Introduction to Word Processing

Study of the most efficient methods of putting ideas into a final product—the printed communication—and of forwarding it to its destination. Principles for effectively combining people, procedures and equipment into the final product are studied. The course includes practical laboratory experiences. Prerequisite: OM1213 or its equivalent. Class, 3 hours plus laboratory. Fee.

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**DEPARTMENT  
OF  
OFFICE INFORMATION  
MANAGEMENT  
Continued**

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**3613 Using the Word Processor  
and Files Design**

Emphasis on developing skill in using word processors on the computer in creating and revising text documents, printing, using the spelling verification check, creating and revising tables using the math functions to verify totals, creating documents from stored text and setting up files of data. The software used for this course will be WordPerfect and dBase III, Plus. Prerequisite: OM1213 or equivalent and OM3513. Class meets 2 hours weekly plus a 4 hour lab. Fee.

**4413 Management of Office Services**

Study of business procedures and development of skills for the electronic office-intelligent typewriters, text editors, high - volume copiers, microcomputers, electronic mail systems, handling mail, filing, machine transcription, computations, reprographics, decision making ability, and the development of human relations skills in dealing with executives, subordinates, and co-workers. Prerequisite: OM1213 or its equivalent. Class, 5 hours. Fee.

**4622 Word Processing Equipment**

Study of the most efficient equipment to be used in the input and output of ideas into a printed product. Hands-on experience includes dictation and transcription training and creation and revision of documents using text-editing on equipment, electronic typewriters, etc. Prerequisite: OM1213 or its equivalent. Class, 2 hours; plus laboratory. Fee.

**4713 Word Processing Applications**

Develops a high-level skill in the use of word processing software in the production of all types of business communications—reports, manuscripts, tabulations, business forms, and letters. Stress is on the use of advanced word processing software, such as WordPerfect and DisplayWrite, to produce quality documents. Prerequisites: IS2113, OM1213. Fee.

**4723 Desktop Publishing**

Stress is on the communication of ideas effectively through the use of the personal computer in the production of 'publisher-quality' newsletters, advertisements, brochures, procedures manuals, etc. Considers the presentation of facts clearly, concisely, and artistically through the use of desktop software and special hardware such as scanners, plotters, and laser printers. Emphasis is on effective layout design by the merging of illustrations, graphs, charts, and text from a variety of sources. Prerequisite: IS2113, OM1213 and 3513. Fee.

**4733 Advanced Desktop Publishing**

The major purpose of this course is to continue developing skills in desktop publishing beyond the basic instruction provided in the first course.

Further refinements will be given to the use of desktop publishing in the communication of ideas effectively through "publisher-quality" items using the personal computer and software designed for page assembly. Prerequisites: IS2113; OM2113, 3513, and 4723. Class, 2 hours; plus laboratory. Fee.

**Independent Studies for  
Office Information Management:**

May be taken by special approval of the divisional chairman. The student may choose any one of the options below. Prerequisite for all courses is OM1213. Credit may be 1-3 hours. Fee.

**4900 IS: Desktop Publishing**

**4910 IS: Desktop Publishing Projects**

**4920 IS: Legal Machine Transcription**

**4930 IS: Typing Review**

**4940 IS: Shorthand Review**

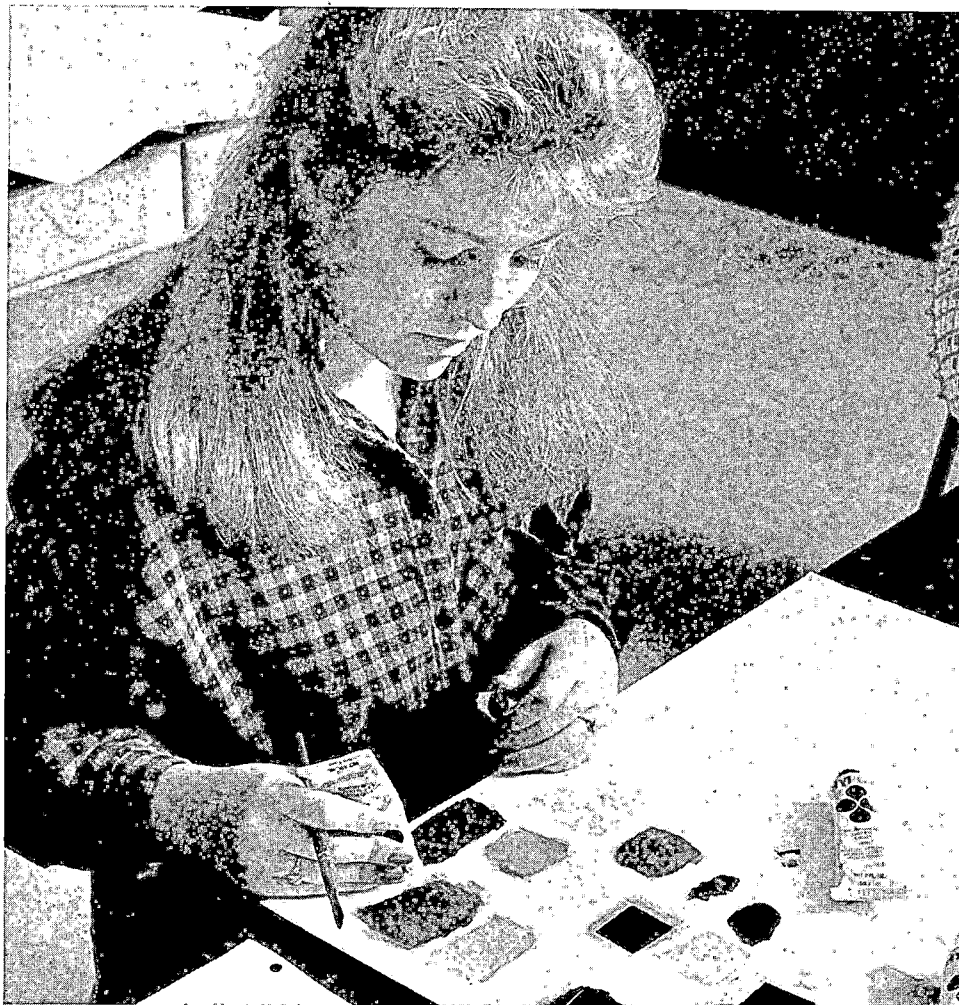
**4950 IS: Word Processing Projects**

**4960 IS: Legal Typewriting**

**4970 IS: Medical Typewriting**

**4980 IS: Medical Machine Transcription**

**4990 IS: Machine Transcription**



# Division of COMMUNICATION & FINE ARTS

The division of communication and fine arts offers courses in art, design, music, mass communication and speech communication for career preparation, to increase aesthetic appreciation, show the role of the arts and communication in society, help develop communication skills and help students acquire

discriminating taste and sound critical judgment. A variety of performance possibilities are open to qualified students in mass communication, speech and music, even for those not majoring in these areas, including stage productions, choral groups and small instrumental and vocal ensembles.

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## DEPARTMENTS

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### Art and Design (AR)

#### Communication:

Mass Communication (MC)

Speech Communication (SP)

#### Music (MU)

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## DEGREES OFFERED

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### Department of Art & Design:

B.A. Degree in Advertising Design

#### Areas of Emphasis:

Broadcast Production

Copywriting

Public Relations

Marketing

B.A. Degree in Art

B.A. Degree in Art with teacher certification

B.S. Degree in Interior Design

### Department of Communication:

B.S. Degree in Mass Communication

#### Areas of Emphasis:

Journalism

Photojournalism

Public Relations-Advertising

Radio and Television

B.S. Degree in Organizational Communication

B.A. Degree in Speech Communication

B.S.E. Degree in Speech Communication

### Department of Music:

B.A. Degree in Music

B.M.E. Degree in Music

#### Areas of Emphasis:

Vocal

Instrumental

### Minors:

Art

Interior Design

Mass Communication

### Music

Organizational Communication

Speech

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## FACULTY

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### Department of Art & Design:

Michael J. O'Keefe, M.F.A., art and design department chair, professor of art and design

Patrice DeLorenzo, M.F.A., assistant professor of art and design

Cherry Tredway, M.S., assistant professor of art and design

### Department of Communication:

Philip Patterson, Ph.D., communication department chair, associate professor of mass communication

Darrel Alexander, Ph.D., professor of speech and theatre

Ronald Bever, Ph.D., professor of speech

Penny Eubank, M.A., instructor in speech

Larry Journey, Ph.D., professor of mass communication

Lora Postelwait, B.A., M.A., instructor of mass communication

Philip Reagan, M.A., instructor in speech and theatre

Kathy Sharpe, B.S., adjunct instructor of photography

### Department of Music:

John Fletcher, M.M., music department chair, instructor in music

Ken Adams, D.M.A., professor of music

Harold Fletcher, Ph.D., professor of music

Mary Helon Fletcher, B.A., adjunct instructor in music

Mark Hornbaker, D.M.A., assistant professor of music

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## LOCATION

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### Classrooms and Faculty Offices:

The Garvey Center:

Mabee Communication

Kresge Fine Arts

### Departmental Offices:

Art and Design: KFA 155

Communication: MC 101

Music: KFA 124

# COMMUNICATION & FINE ARTS

## Degree Requirements

### DEPARTMENT OF ART & DESIGN:

#### B.A. Degree in Advertising Design 65 hours, no minor required

For the person wanting to be an art director, designer, account executive, public relations director, or copywriter for an advertising agency or graphic design studio.

Degree requirements:

- 47 hours art and design courses:
  - 24 hours foundation courses required: AR1113, 1213, 1413, 1513, 2313, 3113, 3313, 3323.
  - 23 hours advertising design courses required: AR2122, 2223, 2233, 3243, 3253, 3513, 3523, 4253.
- 9 hours communication courses required: MC2413, 3343, 3613.
- Choose one of the following concentrations:
  - 9 hours Broadcast Production: MC3443, 3633, 4613.
  - 9 hours Copywriting: MC2113, EN3493, and MC2133 or EN3813.
  - 9 hours Public Relations: MC3213, 3223, 4223.
  - 9 hours Marketing: IS2113, MK3313, and 3 hours from MK4313, 4413, or MC3733. (Note: BA1213, EC2113, and MA1413 must be taken as prerequisites for the marketing classes. The economics and math courses fulfill the general education requirements for those areas.)

#### B.A. Degree in Art 61 hours, no minor required

For the person wanting to get a general background in art and vocation in the field of art and its related industries.

Degree requirements:

- 37 hours art and design courses:
  - 26 hours foundation courses required: AR1113, 1213, 1413, 1513, 2122, 2313, 3113, 3313, 3323.
  - 9 hours painting courses required: AR2513, 3213, and 3 hours chosen from 3523 or 4213.
  - 2 hours exhibition required: AR4612.

- 3 hours of communication courses required: MC3623.
- Art concentration:
  - 12 hours of art and design electives
  - 9 hours business courses required: BA1213, IS2113, MK3313.

**Note:** EC2113 and MA1413 must be chosen to fulfill the economics and math general education requirements.

#### B.A. Degree in Art with teacher certification 47 hours, minor required

For the person preparing to teach art in grades one through twelve.

Degree requirements:

- 37 hours art and design courses:
  - 26 hours foundation courses required: AR1113, 1213, 1413, 1513, 2122, 2313, 3113, 3313, 3323.
  - 9 hours painting courses required: AR 2513, 3213, and 3 hours chosen from 3523 or 4213.
  - 2 hours of exhibition required: AR4612.
- 3 hours of communication courses required: MC3623.
- Art education concentration:
  - 3 hours of Crafts
  - 2 hours of Sculpture
  - 2 hours of Ceramics
  - 30 hours Professional Education Minor (see page 81)

#### B.S. Degree in Interior Design 63 hours, no minor required

For the person wanting a career in residential or commercial interior design, or some specialty design area.

Degree requirements:

- 54 hours art and design courses:
  - 14 hours foundation courses required: AR1113, 1413, 1513, 2122, 2313.
  - 40 hours interior design courses required:
    - 16 hours foundation courses: AR1623, 1633, 2611, 2623, 2633, 2643.
    - 19 hours advanced courses: AR3613, 3614, 3623, 3633, 4613, 4623.
    - 5 hours internships: AR2612 and 4823.
- 9 hours business courses: BA1213, IS2113, MK3313.

**Note:** EC2113, MA1413, and AR3313 or 3323 must be chosen to fulfill the economics, math and fine arts appreciation requirements in general education..

### Special Notes for Art and Design Majors:

1. Each student is to provide his/her own supplies.
2. All art and design majors are required to take AR3313 and/or AR3323 to fulfill the fine arts appreciation requirement in general education.
3. For each art and design course a student takes the department reserves the right to retain one of his/her works of art for our permanent collection. We also have the option to exhibit or reproduce such work in any of the university's publications.
4. If an M.A. in Art History is anticipated, two courses in French and an additional 9 hours of art history are highly recommended.

### DEPARTMENT OF COMMUNICATION:

#### B.S. Degree in Mass Communication/ Journalism 50 hours, no minor required

##### Degree requirements:

1. 9 hours core courses: MC1113, 2113, 3313.
2. 9 hours foundation courses: MC3743, 4713; MK4513.
3. 23-25 hours production/skills:
  - A. 15 hours required: MC2133, 2413, 3133, 3453 or 3643; OM1113.
  - B. 5-7 hours from: EN3512, 3522, 3493, 3813, 4511, 4512.
  - C. 3 hours of MC1211, 1351, 1371, 1381, or 1391.
4. 6-9 hours communication management from: SP1213, 2113, 3123, 3313, 3813, 4813; MC4813.

**Note:** A journalism major must take MC1351, Newspaper Workshop, or MC1391, Advanced Newspaper Workshop, each trimester. Three hours will count toward the Journalism major; the other five hours will count towards the 126 hour B.S. degree requirement. MC4821, 4822, or 4823, Mass Communication Practicum, is available to senior students who apply for an internship and are accepted and can be taken in lieu of MC1391 for one trimester of the senior year.

#### B.S. Degree in Mass Communication/ Photojournalism 49 hours, no minor required

##### Degree requirements:

1. 9 hours core courses: MC1113, 2113, 2313.
2. 12 hours foundation courses: AR1413, 2313; MC3743, 4713.
3. 22 hours production/skills:
  - A. 13 hours required: MC2413, 3133, 3433, 3613, and MC4921, independent study in photojournalism.
  - B. 3 hours of MC1211, 1351, 1361, 1371, 1381 or 1391.
  - C. 6 hours photojournalism courses at CSU from: JOURN2143, 3103, 3303, 3313, 3343, 3363 (see CSU catalog).

4. 6 hours communication management from: MC3643, SP 1213, 2113, 3313, 3813.

Mass communication practicums, MC4821, 4822, or 4823, are available for senior students who apply for the internship and are accepted.

#### B.S. Degree in Mass Communication/ Public Relations—Advertising 57 hours, no minor required

##### Degree requirements:

1. 9 hours core courses: MC1113, 2113, 3313.
2. 12 hours foundation courses: MC3733, 3743, 4713; MK4513.
3. 21 hours production/skills:
  - A. 15 hours required: MC2413, 3213, 3223, 3343, 4223.
  - B. 3 hours from: MC2133, 3133, 3613.
  - C. 3 hours of MC1211, 1351, 1361, 1371, 1381, or 1391.
4. 6 hours communication management from: SP1213, 2113, 3313, 3813; MC3643.
5. 12 hours business: MK3313, 4313, 4413.

MC4821, 4822, or 4823, Mass Communications Practicum, is available for senior students who apply for an internship and are accepted.

#### B.S. Degree in Mass Communication/ Radio and Television 57 hours, no minor required

##### Degree requirements:

1. 9 hours core courses: MC1113, 2113, 3313.
2. 15 hours law/research/management: MC3733, 3743, 4513, 4713; MK4513.
3. 30 hours production/skills:
  - A. 24 hours required: MC2213, 2413, 3453, 3443, 3613, 3633, 3643, 4613.
  - B. 3 hours from: MC2133, 3133, 3343; EN3493.
  - C. 3 hours of radio:
    - 1) 1 hour MC1211.
    - 2) 2 hours MC1371 or 1381.
4. 3 hours communication management from: SP1213, 2113, 3123, 3313, 3813, 4813; MC3623, 4813.

\*A radio-television major must take MC1371, Radio Workshop, or 1381, Advanced Radio Workshop, each trimester after completing MC1211, Introduction to Radio. Two hours will count toward the radio-television major; the other five hours will count toward the 126 hours required for the degree. MC4821, 4822, or 4823, Mass Communications Practicum, is available to senior students who apply for an internship and are accepted and can be taken in lieu of MC1381 for one trimester of the senior year.

# COMMUNICATION & FINE ARTS

## *Degree Requirements*

### **B.S. Degree in Organizational Communication 51 hours, no minor required**

This degree is designed to be a concentrated study of the role of communication in a wide variety of organizations including businesses, churches, and voluntary agencies. Courses are designed to train the student to help organizations meet their goals and objectives through improved communication.

#### Degree requirements:

1. 24 hours of Speech Communication courses: SP1213, 2113, 3313, 3643, 4113, 4123, 4133, 4853.
2. 12 hours of Mass Communication courses: MC2113, 3343, 3613, 4223.
3. 9 hours from the Division of Business: BA1213, IS2113, MG3113.
4. 6 hours from: SP3413, 3813, or BA3313.

### **B.A. Degree in Speech Communication 30 hours**

The student must complete a minimum of 30 hours, 12 hours of which must be in upper division courses.

#### Degree requirements:

1. 12 hours required foundation courses:
  - A. 6 hours basic speech: SP1113, 1213.
  - B. 3 hours from: SP2213 or 3513.
  - C. 1 hour required activity from: SP1331 or 1341.
  - D. 2 hours other activity from: SP1311, 1321, 1331, 1341, 1371, or 1381.
2. 3 hours theater courses from: SP2313, 2613, 3213, 3623 or 3653.
3. 3 hours interpersonal communication from: SP3313 or 3813.
4. 3 hours oral interpretation or special studies from: SP3123 or 4813.
5. 9 hours speech electives.
6. Two courses in the same foreign language, minimum total, 6 hours.

**Theater Emphasis:** Those specializing in theater should take theater courses for the nine hours of electives.

### **B.A. Degree in Speech Communication/Pre-law 30 hours**

For those preparing for law school.

#### Degree requirements:

1. 6 hours basic speech: SP1113, 1213.
2. 3 hours activity (1300 level courses).
3. 6 hours specialized courses: SP3313, 3813.
4. 15 hours speech electives. Recommended: SP2213, 3123 and 4813 (when the topic of study is applicable).
5. Two courses in the same foreign language, minimum total, 6 hours.

A suitable minor may be chosen from economics, political science, social science or psychology.

**Note:** No more than three hours of speech activity (1300 level courses) will count toward the total of 30 hours for the speech communication major. A minor in psychology, English, history or political science and a course in educational statistics can be helpful for those planning for graduate school.

### **B.S.E. Degree in Speech Communication 40 hours**

This degree program in speech communication has as its principal objective the preparation of teachers of speech for the secondary school. Courses are designed to train the student to teach high school speech courses and supervise extracurricular activities in speech.

The student must meet all the general requirements for the B.S.E. Degree, including a minor in professional education (see page 81), and complete a minimum of 40 hours in speech as follows:

1. 3 hours foundation courses: SP1213.
2. SP2613, Introduction to Theatre.\*
3. 15 hours other theater courses: SP2313, 3213, 3423, 3623, 3653.
4. 3 hours oral interpretation: SP3123.
5. 4 hours debate: SP3413, and 1331 or 1341.
6. 3 hours voice and articulation: SP2213.
7. 3 hours mass communication: MC1113.
8. 3 hours group communication: SP3313.
9. 3 hours speech electives from: SP3643, 3813, 4813 or speech activity courses.

\*SP2613 may also count as the humanities/fine arts course required in general education.

Students are encouraged to take as many courses in English as possible as electives or second minor.

Speech methods (4 hours) are required in professional education. See page 83.

Continued ↓

**Theater emphasis:** Students preparing to teach speech with a theater emphasis should use the ten hours of electives to take SP2313, 2613 and 3 hours of advanced directing, taken as an independent study. A minor in English concentrating in dramatic literature is recommended.

**Note:** No more than three hours of speech activity (1300 level courses) will count toward the speech major.

### **Speech Pathology Program:**

Oklahoma Christian is developing a plan for its students to participate in the Speech Pathology program at Central State University. The details of the cooperative arrangement have not been finalized, but the Communication Department will advise students as to what will be required at both institutions.

## **DEPARTMENT OF MUSIC :**

### **B.A. Degree in Music (With emphasis in piano, voice or instrument)**

**55 hours, no minor required**

The B. A. degree program in music is for students desiring to study music in a liberal arts curriculum, or to prepare for private studio teaching, or for graduate study in music.

Degree requirements:

1. Complete all general education requirements.
2. 55 semester hours in music as follows:
  - A. 14 hours basic music theory: MU1112, 1211, 1212, 1221, 2111, 2112, 2121, 2211, 2212, 2221.
  - B. 10 hours music literature and history: MU2312, 2412, 3313, 3413.
  - C. 6 hours advanced theory and technique:
    - 1) 4 hours required: MU3411, 3421, 3432.
    - 2) 2 hours conducting
      - a. Vocal: MU4211, 4221.
      - b. Instrumental: MU4311, 4321.
  - D. 12 hours applied music selected from vocal and instrumental study with consent of advisor.
  - E. 8 hours music electives
  - F. 4 hours music ensemble (1300-level courses).
  - G. 1 hour senior recital/project: MU4001
3. Two courses in the same foreign language, six hours minimum total.

### **B.M.E. in Music**

The B.M.E. Degree is for students pursuing a teaching career in music.

The student chooses an emphasis: 1) vocal or 2) instrumental. Although a student may complete the vocal or instrumental emphasis B.M.E. degree in the usual four years of study, extending this period will be desirable in some cases.

The degree provides the student with the necessary coursework required for the standard teaching certificate as outlined by the Oklahoma State Department of Education.

### **B.M.E. in Music /Vocal Emphasis**

**58 hours**

Degree requirements:

1. Complete all general education requirements.
2. 30 hours in music as follows:
  - A. 14 hours basic music theory: MU1112, 1211, 1212, 1221, 2111, 2112, 2121, 2211, 2212, 2221.
  - B. 10 hours music literature and history: MU2312, 2412, 3313, 3413.
  - C. 4 hours advanced theory: MU3411, 3421, 3432.
  - D. 2 hours music electives
3. 10 hours music technique courses as follows: MU2512, 2522, 3452, 4211, 4221, 4231, 4241.
4. 13 hours applied music study as follows:
  - A. 2 hours piano\*
  - B. 10 hours voice .
  - C. 1 hour guitar.
5. 4 hours music ensemble (1300-level courses).
6. 1 hour senior recital/project: MU4001.
7. A minimum of 31 hours in professional education: ED3113, 3211, 3213, 3723, 4013, 4411, 4811, 4819, 4821, PY3524 and 4 hours vocal music methods courses, elementary and secondary: ED4422, 4442.

\*MU1521 must be taken with MU1112 for the first hour of applied piano.

### **B.M.E. in Music/Instrumental Emphasis**

**58 hours**

Degree requirements:

1. Complete all general education requirements.
2. 30 hours in music as follows:
  - A. 14 hours basic music theory: MU1112, 1211, 1212, 1221, 2111, 2112, 2121, 2211, 2212, 2221.
  - B. 10 hours music literature and history: MU2312, 2412, 3313, 3413.
  - C. 4 hours advanced theory: MU3411, 3421, 3432.
  - D. 2 hours music electives
3. 6 hours music technique courses as follows:
  - A. 2 hours outside major performance area from: MU3121, 3131, 3141, 3151.
  - B. 4 hours conducting: MU4311, 4321, 4331, 4341.
4. 17 hours applied music study as follows:
  - A. 10 hours major performance instrument.
  - B. 3 hours secondary instruments:
  - C. 2 hours piano.\*
  - D. 1 hour voice.
  - E. 1 hour guitar.
5. 4 hours music ensemble (1300-level courses).
6. 1 hour senior recital/project: MU4001.
7. A minimum of 30 hours in professional education: ED3113, 3211, 3213, 3723, 4013, 4411, 4811, 4819, 4821, PY3524 and 4 hours instrumental music methods, elementary and secondary: ED4412, 4432.

\*MU 1521 must be taken with MU 1112 for the first hour of applied piano.

## COMMUNICATION & FINE ARTS

### *Degree & Minor Requirements*

#### **Special Requirements for all Music Majors:**

1. All music majors are required to enroll in recital attendance (MU1000) each trimester.
2. All music majors are required to participate in at least one approved ensemble each trimester.
3. All music majors must pass a piano proficiency examination before graduation, as described in departmental publications.

#### **Art Minor\***

21 hours of art consisting of AR1113, 1413, 1513, 2313, 3113; 3 hours from AR2513 or 3523; 3 hours from AR3313 or 3323. AR2013 must be chosen to fulfill the fine arts appreciation requirement in general education.

#### **Interior Design Minor**

19 hours interior design courses as follows: AR1623, 1633, 2633, 2643, 3614 and AR2623 or 3633.

#### **Mass Communication Minor\***

A minimum of 18 hours in the following areas: 3 hours foundation—MC1113; 6 hours introductory courses—MC2113, 2513, 3213, 3313; 6 hours advanced (3000 and 4000 level) mass communication courses. For an emphasis in journalism, choose courses in that area for the 6 hours advanced required.

#### **Music Minor\***

A minimum of 18 hours from the following areas: Basic music theory: 8 hours (MU1012, 1112, 1211, 1212, 1221); music literature: 4 hours (MU2312 2412); applied piano: 2 hours (MU1501 and 1521); ensemble performance and applied study: 4 hours to be selected from 1300 to 1500 courses. Must enroll in MU1000 three times.

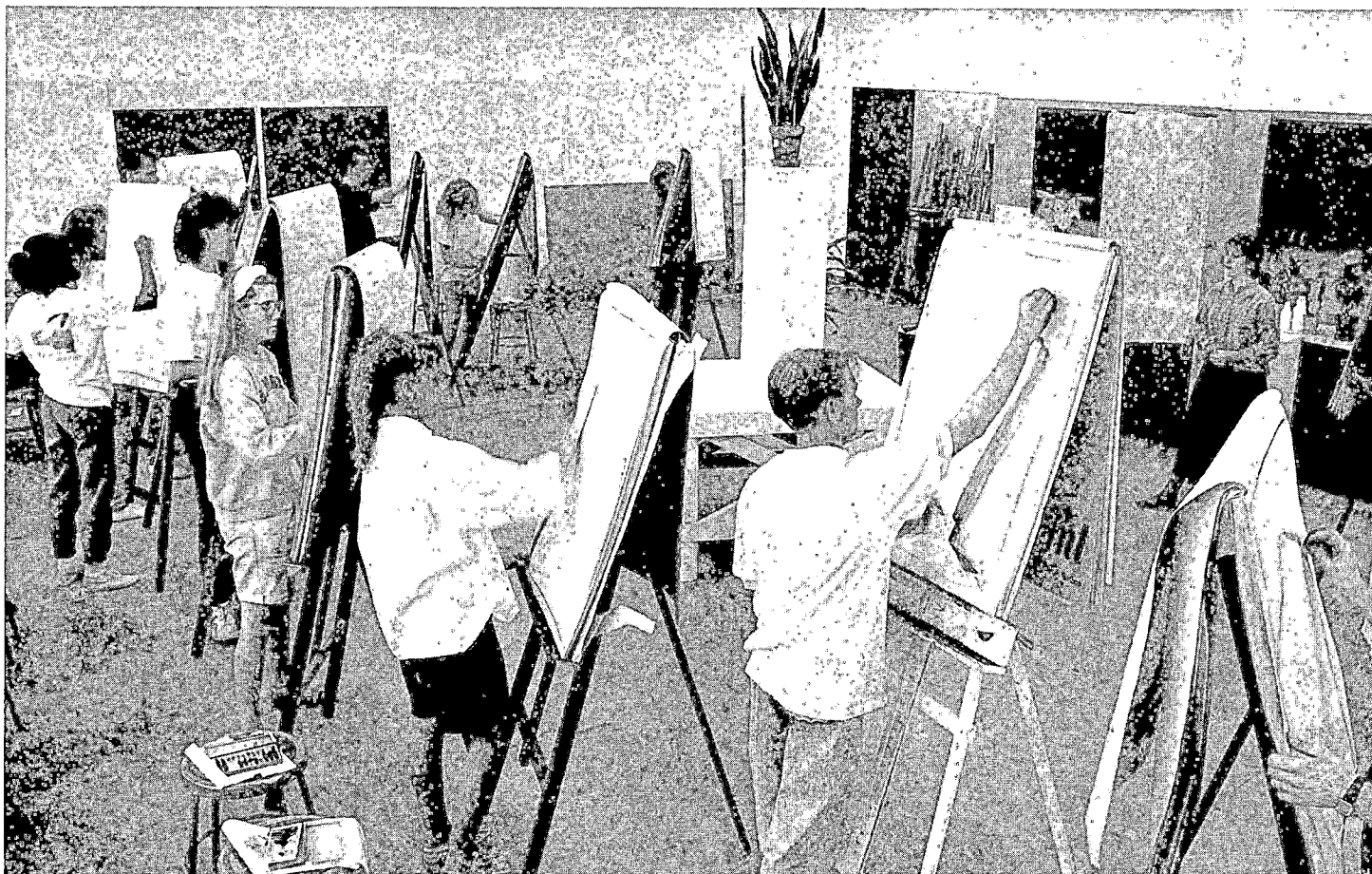
#### **Organizational Communication Minor**

A minimum of 18 hours consisting of SP2113, 4123, 4133, and 9 hours from MC 2113, SP 3313, 3643, 4113.

#### **Speech Minor\***

A minimum of 18 hours in the area with at least 6 hours of advanced work (3000 and 4000 level courses). Not more than 3 hours of 1300 courses may count toward the minor.

\*A teaching minor for B.S.E. candidates requires a minimum of 24 hours. See Oklahoma Christian Teacher Certification Handbook for specific course requirements.



DEPARTMENT  
OF  
ART & DESIGN

ART & DESIGN (AR):

1113 Drawing I

A study of the concepts and processes that constitute the language of graphic expression with special attention to the still life.

1213 Drawing II

A study of the concepts and processes that constitute the language of graphic expression, with special attention to inanimate and animate forms in space. Prerequisite: AR1113.

1413 Two-Dimensional Design

A problem solving approach to two-dimensional design through the examination of the elements of art and their supportive elements by use of different media.

1513 Three-Dimensional Design

A study of the fundamentals of three-dimensional design concepts and materials, with special attention to design problems which develop perceptual skills and critical judgment. Prerequisite: AR1413. Fee.

1623 Introduction to Interior Design

An overview of the interior design industry with basic experiences in scaled drawings of floor plans, selection and arrangement of furniture, and application of art principles.

1633 Architectural Graphics for Interior Design

Further development of drafting skills with emphasis on hand lettering, dimensioning, materials delineation of floor plans, drawing elevations, sections, and perspectives.

2013 Introduction to the Visual Arts

A study of the language of visual art and its use to communicate through visual media. Critical thinking is developed through an awareness and understanding of the universality of visual concepts.

2122 Computer Graphics

An introduction to the use of Macintosh hardware and software for the creation of visual images. Prerequisites: AR1113, 1413.

2223 Introduction to Advertising Design

An overview of the advertising industry with basic experiences in the use of tools, terminology, production, setting type, typography and layouts. Prerequisites: AR1213, 1513. Fee.

2233 Typography

A study of typography as a visual element in helping to sell a product, service, or idea with special attention to each student creating selected presentations that are type dominant. Prerequisite: AR2223. Fee.

2313 Principles of Color

A study of the principles and theories of color usage and their application to the visual arts and design-related professions. Prerequisites: AR1113, 1413, or consent of instructor.

2513 Painting I

A study of materials, techniques, processes and ideas fundamental to the discipline of oil painting and individual problem solving. Prerequisites: AR1113, 1413, or consent of instructor.

2611 Interior Design Study Tour

A three-day intensive trip to the Dallas Home Furnishings Market and World Trade Center to view trade showrooms and special presentations by some of the showrooms. The tour exposes students to the magnitude of the market environment and the myriad products and materials available to the professional. Prerequisites: AR1623, 3614, 3633.

2612 Interior Design Internship

A 100-hour internship with a company in the interior design industry giving the student industry experience early in the academic program.

2623 Residential Interior Design

A study of residential design with emphasis on kitchen and bath planning. Previous learnings requiring drafting skills, perspective drawings, rendering and board layout are utilized through studio projects. Prerequisites: AR1113, 1413, 1623, 1633.

2633 Interior Materials and Finishes

An introduction to basic building materials (wood, glass, metal, plastic, ceramic) and their properties and uses. The student learns through case studies to measure and figure correct amounts of materials to order for wallcoverings and hard floor treatments. Prerequisite: AR1623.

2643 Interior Textiles

A study of interior textiles (carpet, drapery fabrics and upholstery). Fiber content, fabric properties, construction processes, dyeing and printing are examined. Projects include using textile patterns in interiors and learning to measure and figure correct amounts to order for fabric window treatments and carpet. Prerequisite: AR2633.

3113 Printmaking

A study of the principles and techniques in relief, collagraph, and intaglio printing through the process of producing works of art. Prerequisites: AR1213, 1413, 2313. Fee.

3122 Teaching Art to Children

An introduction to methods and processes of teaching art to children through lectures, reports and art assignments. Fee.

3213 Painting II

Intermediate painting emphasizing the concepts and processes that constitute the language of visual expression. Prerequisite: AR2513.

3243 Graphic Design

A study of print materials where the primary message is communicated visually, with special attention to each student creating selected presentations in such areas as trademarks, posters, cover designs, and collateral material. Prerequisite: AR2233.

COMMUNICATION  
& FINE ARTS

Courses

3253 Print and Broadcast Advertising

A study of media bought advertising with special attention to each student creating selected presentations for newspaper, magazine, outdoor, television, and radio. Prerequisite: AR3243.

3313 Ancient-14th Century Art History

An introduction to the scope, methods, and subject matter of art history as a discipline. Emphasis on methodology and problem solving covering Prehistoric, Ancient, Medieval, and Non-European art in all media.

3323 15th-20th Century Art History

An introduction to the scope, methods, and subject matter of art history as a discipline. Emphasis on methodology and problem solving covering Renaissance through Modern art in all media.

3513 Production Art

An introduction to a basic understanding of preparing art for reproduction through textbook material and an internship. Prerequisite: AR3253.

3523 Illustration

A study of materials, techniques, processes, and ideas fundamental to the discipline of illustration, with special attention to each student creating selected works for such visual vehicles as editorials, posters, covers, and collateral materials. Prerequisite: AR2313.

3613 Interior Systems

A study of interior lighting design, acoustics, and HVAC (heating, ventilation, and air conditioning) systems. A lighting project will be assigned to help students learn how to use electrical and lighting symbols and how to write a lighting schedule. The course also covers natural energy sources, in view of the national energy issue, with attention to insulation techniques and the structural types of passive-solar, earth-sheltered, and dome. Lecture, 2 hours; lab, 3 hours. Prerequisites: AR1623, 1633.

3614 Historic Interior Design Expression (Antiquity to 1850)

A study of decorative arts, furniture and interiors as they have evolved from ancient Egypt to the industrial revolution. Emphasis is given to the ways ancient motifs and decorative designs have been continually repeated and used from the original historic periods to the present. Prerequisites: AR1113, 1623, 1633.

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DEPARTMENT  
OF  
ART & DESIGN  
Continued

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**3623 Contract and Commercial Design**

A study of contract/commercial design and space planning principles. Projects will be public or business spaces, with barrier-free design principles included. Drafting and presentation skills will be further reinforced. Prerequisites: AR2643, 3633.

**3633 Contemporary Interior Design Expression (1840 to present)**

A study of design movements affecting furniture and interiors from 1850 to the present, emphasizing the evolution in design concepts and philosophies of eminent architects and designers. The Function Complex and Design Process are investigated. Prerequisites: AR1623, 3614.

**4213 Painting III**

Advanced painting emphasizing the concepts and processes that constitute the language of visual expression. Prerequisite: AR3213.

**4253 Advertising Campaigns**

A study of advertising campaigns with special attention to each student creating a campaign for a product or service to be presented to a panel of professionals. Prerequisite: AR3243. Fee.

**4313 Art History Seminar**

Study of a particular period of history with special attention to the art of that era. Prerequisite: AR3313 or 3323.

**4612 Senior Exhibit**

Senior art majors will present a group thesis show in their final trimester. Location of the show to be announced.

**4613 Interior Design Career Management**

A brief history of interior design as a profession and trends in the current design climate; professional responsibilities and organizations, career opportunities and the issue of examination and licensing. Prerequisite: junior or senior standing.

**4623 Advanced Interior Design**

This course is designed as a culmination of all the student's learnings through the program. The course will be divided between residential and commercial. The student will be assigned design problems with specific criteria applying to each. Final project presentations will be presented orally to a panel of professional jurors. Prerequisite: senior standing only.

**4810 Advertising Design Internship**

An internship with an advertising agency or graphic design studio. (1 credit hour for every 50 hours the student works and not to exceed 3 credit hours per trimester.) Prerequisite: AR 3243.

**4820 Advanced Interior Design Internship**

An internship with a company in the interior design industry. Development of a creative resume and portfolio included. (1 credit hour for every 50 hours the student works and not to exceed 3 credit hours per trimester.) Prerequisite: junior or senior standing.

**4830 Art Internship**

An internship with a gallery, museum, theme park, theatre production company, frame shop, or art supply company. (1 credit hour for every 50 hours the student works and not to exceed 3 credit hours per trimester.) Prerequisite: junior or senior standing.

**4900 Independent Study**

Provides opportunity for well-qualified student to do supervised individual work in an area of special interest. Either art history or studio areas may be chosen. Prerequisite: junior standing or consent of professor. (1-3 hours.)

**FINE ARTS (FA):**

**2903 Aesthetics**

A field study of the great art, architecture, music, and drama of Europe, with special attention to that of Austria, England, Italy, and France. By permission only.

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DEPARTMENT  
OF  
COMMUNICATION

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**MASS COMMUNICATION (MC):**

**1113 Introduction to Mass Communications**

Designed to acquaint the student with the theories behind the different kinds of mass communication and cover the historical development, issues and criticism of radio, television, film, newspapers and magazines.

**1211 Introduction to Radio**

Designed to introduce the first-time student to KOCC and audio production. Fee.

**1351 Newspaper Workshop**

Supervised work on the student newspaper with some instruction. To receive credit, a student must work not less than 60 hours.

**1361 Yearbook Workshop**

Supervised work on the university yearbook with some instruction. To receive credit, a student must work not less than 60 hours.

**1371 Radio Workshop**

For those involved in the operation and management of KOCC. Includes implementation and development of skills and techniques necessary to operate a radio station. Prerequisite: MC1211.

**1381 Advanced Radio Workshop**

Same as MC1371 but for juniors and seniors. Prerequisite: junior standing and MC1371.

**1391 Advanced Newspaper Workshop**

Same as MC1351, but for juniors and seniors. Prerequisite: junior standing and MC1351.

**2113 Media Writing**

An introduction to writing skills with attention to writing news, features, broadcast, public relations, and advertising. A basic grammar and typing skills test must be passed or the student will be required to be concurrently enrolled in EN1213 and OM1113.

**2133 Feature Writing**

Continuation of MC 2113. Includes lectures and labs in interviewing, feature writing, opinion writing, investigative journalism, sports and other specialized areas of journalism. Prerequisite: MC 2113 or approval of professor. Fee.

**2213 Voice and Articulation**

(Same as SP 2213.)

**2413 Basic Photography**

Basic principles of taking and processing pictures. For students who want a knowledge of photography as a hobby or who want to prepare for advanced work in photography or photographic communication. Fee.

**3133 Reporting and Editing the News**

Fundamentals of copy and photo editing as well as the composition of newspaper design. Prerequisite: MC 2113.

**3213 Introduction to Public Relations**

Study of the function and procedures of public relations with attention to methods of gaining public support for an activity, cause or movement. Fundamentals of public relations copy for varied media and channels. Prerequisite: MC 1113.

**3223 Case Studies in Public Relations**

A study of public relations as currently being practiced by corporations, institutions and government. Includes practical experience in the procedures of constructing and administering polls. Prerequisite: MC 3213.

**3313 Introduction to Advertising**

Designed to introduce the student to the history of advertising, its role and function today. Focuses on timely case studies about advertising today. Students also develop an ad campaign. Prepares the student for further study at CSU. Prerequisite: MC 1113.

**3343 Advertising Copywriting**

Designed for journalism and broadcasting students to teach the art of writing commercial copy for radio, television and newspaper. Complements courses in journalism and broadcasting which emphasize the writing of news. Prerequisite: MC 3313. Fee.

**3413 Analysis of Reasoning**

Same as SP 3413.

**3433 Advanced Photography**

Advanced use of black and white, color, and still photography as creative media in visual communication. Fee.

### 3443 Broadcast Announcing

Designed to help students become more effective broadcast communicators. Advanced work in pronunciation and delivery. Lab experiences include practice with broadcast equipment, cue cards, prompting systems and ad libbing. Additionally, the student is taught methods of self evaluation and improvement. Fee.

### 3453 Broadcast News Production

Supervised writing to meet the professional demands of organizing and presenting information for broadcasting. Prerequisite: MC 2113. Fee.

### 3613 Television Production I

An orientation to all the equipment and technical operations involved in television production. The student will produce and direct short television productions. Prerequisite: MC 2113 or AR 2223. Fee.

### 3623 Stagecraft for Theater and Television

A study of the design and construction of scenery, stage, lighting sound and props. Laboratory of four hours per week. Of special value to the theater and television student.

### 3633 Audio Production

The student will learn the fundamentals of audio production necessary for the production of radio shows, programs, and commercial announcements. Both single and multitrack recording equipment will be used. Fee.

### 3643 Interviewing/Listening

Provides the student with the understanding and skills necessary for a variety of interviewing situations including radio and television. Students are taught listening skills and how to implement these techniques for more effective interviews. Prerequisite: SP 1113.

### 3733 Media Marketing and Sales

Stresses understanding of basic media tools such as radio and television ratings analysis, national rating services, and rate cards. Media buying for specific demographic targets and the use of various mediums as marketing vehicles. Course includes a media marketing research project. Fee.

### 3743 Mass Communications Law

Looks at past and current legal decisions which shape the role of the media in society today. Examines the legal aspects of both the print and electronic media and also examines the role of the regulatory agency on the electronic media. Prerequisite: MC 1113.

### 4213 Film Criticism

Focuses on five items: 1) short history of film, 2) theories of film interpretation, 3) special directors and critics, 4) simple student film productions through editing, 5) attendance and in class viewing of select films. Fee.

### 4223 Public Relations Methods

Designed to survey the commonly used communications tools in public relations with emphasis on how to work with them. Students

will learn to design questionnaires, create annual reports, arrange press conferences, script slide shows and other public relations functions that require special expertise.

### 4513 Administrative Aspects of Broadcasting

A series of planned interaction sessions with various media managers coupled with theoretical material and group projects.

### 4613 Television Production II

Involves more advanced television techniques such as those used in field production. The student will produce longer and more complicated programs than in MC 3613. Prerequisite: MC 3613. Fee.

### 4713 Mass Communications Ethics

Designed to introduce the students to the ethical decisions that must be made by both the practitioners and the consumers of the mass media. It is designed to supplement the legal course and give the Christian a higher standard of performance.

### 4820 Mass Communication Practicum

Practical experience designed to acquaint the student with a specific area of mass communication in order to assist the student in achieving his career objectives. 1-3 hours credit, depending upon the number of hours worked each week. Prerequisite: junior standing and approval of department head.

### 4813 Special Studies

An advanced study in depth of a particular problem area of mass communication. Content varies and course may be repeated.

### 4900 Independent Study in Mass Communication

Requires a creative project involving the student in a deeper study of some area of mass communication. Guided readings or research project based on prospectus presented by student after consultation with professor. May be taken by juniors and seniors with approval by divisional chairman after consultation with a professor.

## SPEECH COMMUNICATION (SP):

### 1113 Speech Communication I

Study and practice of communication behavior in a variety of situations, especially focusing on intrapersonal, interpersonal and public communication.

### 1213 Speech Communication II

Special attention to various types of communication, especially persuasive and argumentative speaking. Emphasis is placed on improving the reasoning process of the student as well as his style. A unit on the history of speech communication is also included. Prerequisite: SP1113.

### 1221 Introduction to Radio

Same as MC1211.

## COMMUNICATION & FINE ARTS

### Courses

### 1311 Drama Workshop

Requires 60 hours in rehearsal and performance in a faculty-directed campus dramatic production. Consent of director required.

### 1321 Technical Theater Workshop

Requires at least 60 hours of backstage work in a faculty approved campus theatre production.

### 1331 Forensic Activities

Development of practical skills in debate, extemporaneous speaking, original oratory, etc. Course may be repeated for further refinement of forensic skills or may involve tutorial experience in evaluation of forensic activities.

### 1341 Intercollegiate Forensics

Designed exclusively for those participating in intercollegiate speech tournaments. Consent of professor required.

### 1371 Radio Workshop

(Same as MC 1371.)

### 1381 Advanced Radio Workshop

(Same as MC 1381.)

### 2113 Business and Professional Communication

Special attention is given to communication theories as they apply to a variety of business and professional settings including conflict management, interviewing, and public speaking. Prerequisite: SP 1113.

### 2213 Voice and Articulation

An application of phonetics to the improving of articulation and vocal patterns.

### 2313 Acting

Introductory approach to acting through body and voice development. Participation in the campus theatre activities during course enrollment required.

### 2613 Introduction to Theatre

A survey of the theatre arts of acting, directing, criticism, playwriting, and the technical areas of scenery, costuming, etc. The role of the theatre in understanding the human condition is explored.

### 3123 Oral Interpretation

Study and practice in the oral interpretation of literature. Prerequisite: SP 1113 or consent of the professor.

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## DEPARTMENT OF COMMUNICATION Continued

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### 3213 Stage Directing

Fundamentals of the director's craft. Each student directs a one-act play as his trimester project.

### 3313 Group Communication

The communication patterns and psychology of small groups are studied. Special attention is given to organizing, participating and evaluating group discussions.

### 3413 Analysis of Reasoning

A study of the forms of logical thought with practical identification of these forms in areas such as politics, law, human relations, advertising, evidence, reasoning and refutation will be covered. Prerequisite: SP 1113. (Same as MC 3413.)

### 3423 Modern Drama

(Same as EN 3413 when the genre offered is modern drama.)

### 3613 Television Production I

(Same as MC 3613.)

### 3623 Stagecraft for Theatre and Television

A study of scenography: the design and construction of scenery, stage lighting, sound and props. Of special value to the theatre and television student as well as the art student preparing to work in art galleries or the advertising design student interested in working in the medium of theatre and television. Laboratory, 4 hours.

### 3643 Interviewing and Listening

(Same as MC 3643.)

### 3653 Costume and Makeup

A study of the design and construction of stage costumes and a study of makeup. Laboratory, 4 hours.

### 3813 Human Relations Communication

An application of transactional analysis, active listening and conflict resolution principles in order to improve communication in different types of human relation situations.

### 3913 Preparation and Delivery of Sermons

Theory, practice and evaluation in the preparation and delivery of sermons. Particularly designed for those desiring to preach. Prerequisite: SP 1113.

### 4112 Persuasion

Includes an examination of classical and contemporary theories of social influence with an emphasis on the practical applications of these theories.

### 4123 Organizational Communication

An examination of the functions of communication in the organizational setting, with emphasis on the application of recent research and theories to the analysis of communication in organizations.

### 4133 Communication Intervention and Auditing Strategies

Techniques of examining organizations for communication deficiencies are discussed. Intervention strategies for alleviating these deficiencies are discussed with special emphasis being placed on ethical considerations. Prerequisite: SP 4123.

### 4213 Film Criticism

(Same as MC 4213.)

### 4613 Television Production II

(Same as MC 4613.)

### 4813 Special Studies

An advanced study in depth of a particular problem area of communication. Content varies and the course may be repeated.

### 4853 Internship in Organizational Communication

Students will be placed in appropriate organizations where they will perform duties to facilitate the integration of their academic learning with practical experience. Prerequisite: SP 4113.

### 4900 Independent Study in Speech

Designed as a creative project which would involve the student in a deeper study of some area of speech. Guided readings or research project based on prospectus presented by student after consultation with professor. May be taken by juniors and seniors with approval by divisional chairman after consultation with a professor.

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## DEPARTMENT OF MUSIC

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### MUSIC (MU):

#### BASIC THEORY COURSES:

##### Elementary Theory I:

###### 1012 Rudiments of Music

Not applicable for credit in major; required if student is unable to pass minimum requirements for admission to MU 1112 which follows. Includes notation and drills in keys, scales, intervals, triads, score reading. Offered first half of fall trimester. Class, 5 hours. Concurrent enrollment with MU 1521 required.

###### 1112 Preparatory Theory

Chord connection, four-part writing, cadences, dictation and sight singing of intervals, scales and melodies, rhythms, broken chords, keyboard application. Offered second half of fall trimester. Prerequisite: MU 1012 if student is unable to meet minimum entrance requirements. Class, 5 hours. Concurrent enrollment with MU 1521.

##### Elementary Theory II:

The three classes below cover secondary diatonic chords, non-harmonic tones, dominant sevenths, simple modulation; dictation and sight singing of more difficult melodies, intervals, scales, rhythms; keyboard application of harmonic practices, cadences, etc. Concurrent enrollment in all three is required except with permission of department chairman. Offered winter trimester.

###### 1211 Elementary Ear Training II

Class, 2 hours.

###### 1212 Elementary Harmony II

Class, 2 hours.

###### 1221 Elementary Keyboard Harmony II

Class, 2 hours.

##### Intermediate Theory I:

The three courses below cover modulation to closely related keys, altered chords and higher discords, original melodies and harmonizations, adaptation to keyboard and ear training. Concurrent enrollment in all three is required except with permission of department chairman. Offered fall trimester.

###### 2111 Intermediate Ear Training I

Class, 1 hour.

###### 2112 Intermediate Harmony I

Class, 1 hour.

###### 2121 Intermediate Keyboard Harmony I

Class, 1 hour.

##### Intermediate Theory II:

The three courses below cover a continuation of altered chords: augmented sixths, secondary diminished sevenths, remote and inharmonic modulations; aural study of remote modulations, unusual and mixed meters, altered chords, keyboard application including realization of figured bass. Concurrent enrollment in all three is required except with permission of department chairman. Offered winter trimester.

###### 2211 Intermediate Ear Training II

Class, 1 hour.

###### 2212 Intermediate Harmony II

Class, 3 hours.

###### 2221 Intermediate Keyboard Harmony II

Class, 1 hour.

#### MUSIC LITERATURE AND HISTORY COURSES:

##### 2013 Music Appreciation

A survey designed to furnish the general student with a basis for intelligent and enjoyable listening. Orchestral instruments studied; representative musical works examined and heard. Required for music majors who pursue the B.A. degree.

##### 2312 Music Literature I

A comprehensive introduction to music literature and styles of composition through the baroque period. For music majors and minors; other by permission. Offered fall trimester.

### 2412 Music Literature II

Covers music from late eighteenth century classicism through the present. For music majors and minors; others by permission. Offered winter trimester.

### 3313 History of Music I

Music from beginnings of western civilization to mid-eighteenth century. Style analysis, visual and aural, of representative compositions; relationship of music to sociocultural background. Prerequisites: MU 2312 and 2412 or equivalent. For music majors; others by permission. Offered fall trimester.

### 3413 History of Music II

Continuation of MU 3313. Music of western civilization from mid-eighteenth century classicism to present. Offered winter trimester. For music majors; for others by permission.

## ADVANCED THEORY AND TECHNIQUE COURSES:

Note: MU 2211, 2212, 2221, 2312, 2412, must be completed before attempting the following courses.

### 2512 Diction: English and Italian

Pronunciation of English and Italian specifically as it relates to the singer.

### 2522 Diction: French and German

Pronunciation of French and German specifically as it relates to the singer.

### 3112 Teaching Music to Children

Rudiments of music for the general teacher including singing and keyboard performance of simple pieces. Philosophy and methods of teaching on the preschool and elementary level. Not for music majors.

### 3121 Class Woodwinds

A practical study of woodwind instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. Fee.

### 3131 Class Brass

A practical study of the brass instruments of the band with emphasis on embouchure development, articulation techniques and general pedagogical principles. Fee.

### 3141 Class Percussion

A practical study of the percussion instruments of the band. Introduction to rudiments and stick technique plus an overview of all the instruments of the section. Fee.

### 3151 Class Strings

A practical study of the string instruments of the orchestra with emphasis on bowing techniques, articulation, performance and general pedagogical principles. Fee.

### 3312 Form and Analysis

Elements of musical structure; motive, phrase, period, etc.; structural and harmonic analysis of smaller through larger forms of music literature of all periods.

### 3411 Instrumentation I

Study of technical scope of orchestral and band instruments; exercises involving transcribing for these instruments.

### 3421 Instrumentation II

Transcribing music for instrumental groups; examination of scoring techniques of leading composers.

### 3432 Computers and Synthesizers

A foundation course dealing with computer applications for music and the software and hardware used for music synthesis.

### 3612 Counterpoint

Analysis and writing of eighteenth century counterpoint in two and three voices. First, second, third, fourth and fifth species.

### 4211 Choral Conducting I

Basic conducting skills, beat patterns, cueing and vocal score preparation.

### 4221 Choral Conducting II

Continuation of 4211 with more advanced conducting techniques; interpretation; non-verbal communication; rehearsal techniques. Includes choral conducting experience.

### 4231 Advanced Choral Conducting I

Emphasis on rehearsal techniques, group dynamics and discipline, etc., involving conducting labs with music students as performers.

### 4241 Advanced Choral Conducting II

Continuation of 4231.

### 4311 Instrumental Conducting I

Basic conducting skills, beat patterns, cueing and instrumental score preparation.

### 4321 Instrumental Conducting II

Continuation of 4311 with more advanced conducting techniques, interpretation, non-verbal communication, rehearsal techniques. Includes instrumental conduction experience.

### 4331 Advanced Instrumental Conducting I

Emphasis on rehearsal techniques, group dynamics and discipline, etc., involving conducting labs with music students as performers.

### 4900 Independent Study in Music

Arranging, composition, sixteenth century counterpoint or other study. Juniors and seniors only by approval of department chairman. Three hours total applicable toward graduation. Music majors only (1-3 hours).

## APPLIED MUSIC COURSES:

### Class Instruction:

Students may register for class instruction in piano or voice. Each course meets two hours per week. Fee.

### 1521 Functional Piano

### 1581 Class Piano

### 1591 Class Voice

## COMMUNICATION & FINE ARTS

### Courses

### Private Instruction:

Students may register for private instruction in piano, voice or any of the instruments listed. Students registering for one hour credit (i.e. 1501) receive one one-half hour lesson a week. Those registering for two hours credit (i.e. 1502) receive two one-half hour lessons a week. Fee.

1501, 1502 Piano

1511, 1512 Voice

1531, 1532 Brass Instrument

1541, 1542 Woodwind Instrument

1551, 1552 Percussion Instrument

1561, 1562 String Instrument

1571, 1572 Guitar

Applied music courses are frequently taught at Oklahoma Christian by professionals.

## ENSEMBLE PERFORMANCE COURSES:

In addition to the 1300 courses listed below for credit, various vocal and instrumental ensembles are organized as available personnel permits.

### 1301 Vocal Ensemble

A student may register for credit in any ensemble in which he performs if the group is sufficiently active to justify the credit. Consent of professor required.

### 1311 Chorale

The Oklahoma Christian College Chorale offers opportunities for experience in choral singing. A wide range of both sacred and secular choral literature is studied with numerous performances scheduled. Participation of members in all scheduled rehearsals and performances required. Membership by audition. Rehearsal, 5 hours. Fee.

### 1321 Music Production Workshop

Requires at least 60 hours in rehearsal and performance on stage in a faculty directed campus musical production.

### 1331 Symphonic Band

The Oklahoma Christian College Concert Band performs for campus functions, in concert and on tour. Participation of all members in scheduled rehearsals and performances required. Rehearsal, 4 hours. Fee.

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## DEPARTMENT OF MUSIC Continued

### 1341 Jazz Ensemble

Jazz, pop and rock music are the emphasis of this group. Performs and tours with the Concert Band.

### 1351 Instrumental Ensemble

A student may register for credit in any ensemble in which he performs if the group is sufficiently active to justify the credit. This might include such groups as brass choir, etc. Consent of professor required.

### 1361 Orchestra

Credit for orchestra is available to Oklahoma Christian students through participation in the Central State University Orchestra or the Oklahoma City University Orchestra.

### 1381 Opera Workshop

Requires at least 60 hours in rehearsal and performance on stage in a faculty directed campus opera production.

### 1391 Chamber Singers

A select group that emphasizes the study and performance of significant choral works from all periods of musical style. Membership by audition.

## MUSIC EDUCATION METHODS COURSES:

### 3452 Vocal Pedagogy

Focused instruction on methods of teaching voice.

Note: Methods courses required for state certification in the music education program are listed under the Division of Education, page 80.

## RECITAL COURSES:

### 1000 Recital Attendance

Regular attendance at on- and off-campus musical performances. Required each trimester.

### 3000 Junior Recital

Solo recital performance on major instrument in the student's junior year. Prerequisite: Students must have achieved a satisfactory level of performance skill as specified in published departmental materials to enroll.

### 4001 Senior Recital/Project

Solo recital performance on major instrument. Those choosing the B.A. will perform a full recital. Those choosing the B.M.E. will perform a half recital. Prerequisite: Students must have achieved a satisfactory level of performance skill as specified in published departmental materials to enroll.



# Division of EDUCATION

*Teaching is both an art and a skill. In view of this, prospective teachers should receive the education and training necessary to develop, within the limits of their capacity, a spirit of dedication, a realization of their responsibility, a degree of instructional proficiency, and a mastery of subject matter to an extent that they will be worthy of being entrusted with the directing of the educational experiences of youth.*

*The student should meet the following objectives in a teacher training program: to develop a sense of responsibility to the pupil, the school and the community, to develop an understanding and mastery of various teaching methods and materials, to attain a reasonable mastery of the communication skills and to acquire a sound knowledge of the subject matter in the field or fields which he expects to teach.*

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## DEPARTMENTS

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Child Development (CD)  
Education (ED)  
Elementary Education (EE)  
Special Education (SE)

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## DEGREES OFFERED

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### Education Degrees:

#### Elementary:

B.S.E. Degree in Early Childhood Education  
B.S.E. Degree in Early Childhood Education/  
Elementary Education  
B.S.E. Degree in Elementary Education  
B.S.E. Degree in Special Education/  
Elementary Education

#### Secondary (see respective departments for details):

B.S.E. Degree in Business Education  
B.S.E. Degree in English  
B.S.E. Degree in Mathematics  
B.S.E. Degree in Science  
B.S.E. Degree in Social Studies  
B.S.E. Degree in Speech

#### Elementary-Secondary, K-12

(see respective departments for details):

B.A. Degree in Art with certification  
B.M.E. Degree in Music  
B.S.E. Degree in Physical Education  
B.S.E. Degree in Special Education

### Minors:

Early Childhood Education  
Education  
Elementary Education  
Professional Education  
Special Education

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## FACULTY

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Lois Exendine, Ed.D., divisional chair,  
professor of education  
Martha Bryant, M.E., assistant professor of education  
Wendolyn Maxwell, M.Ed., assistant professor of education  
Coralee Risley, M.Ed., assistant professor of education  
Gary Shreck, Ed.D., Director of Teacher Education,  
professor of education  
Paulette Shreck, M.Ed., M.S., assistant professor  
of education  
John Vincent, Ed.D., professor of education

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## LOCATION

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### Classrooms and Faculty Offices:

Davisson American Heritage Building

### Divisional Office:

DAH 207-217

# EDUCATION

## *Teacher Ed & Degree Requirements*

### **Teacher Education Program**

The Teacher Education Program is supervised by the Director of Teacher Education who works in cooperation with the Teacher Education Council. This council includes faculty members from the various departments where certification is offered as well as students and public school teachers. This council is responsible for determining teacher education programs and requirements. The council's decisions are subject to approval by the Oklahoma Christian faculty.

### **Safety Checks for Certification**

To be certified to teach, a student must pass five safety checks: (1) be admitted to teacher education, (2) be admitted to student teaching, (3) pass the Oklahoma Teacher Certification Test, (4) be approved for a license and (5) be approved for certification.

The due process procedure for any step in this process begins with an appeal to the Admission and Retention Committee of the Teacher Education Council. The final step is to appeal to the Teacher Education Council. This appeal procedure is initiated in the office of the Director of Teacher Education.

The five steps are explained in detail below.

**First: Admission to Teacher Education.** After a student has completed three trimesters of work, he should apply for admission to teacher education at which time a first check of character and scholarship will be made.

Requirements for admission to teacher education:

1. 48 semester hours of credit.
2. Completion of ED3113.
3. Overall grade point average of 2.50.
4. Overall grade point average of 2.50 on all work taken at Oklahoma Christian.
5. Recommendation of major department.
6. Recommendation of associate dean of student services.
7. Satisfied OC English proficiency requirement.
8. Approval of the Teacher Education Council.
9. C or better in SP1113 or equivalent.
10. Recommendation of teacher education interview committee.
11. A written paper of his/her philosophy of teaching and reasons for wanting to enter the profession, presented to the teacher education interview committee.

12. Documented evidence (written reference) of an expressed interest in teaching as demonstrated by prior experiences and activities. This must show evidence of personal traits that suggest potential for working with youth, parents and other constituencies of a teacher.
13. Successful completion of Pre-Professional Skills Test by obtaining the required state department score on each of the three sections. Fee is determined by and paid to the test company. Information concerning the test will be posted in DAH second floor lobby.

Application should be made while taking ED3113. Application form may be secured at the office of the Director of Teacher Education.

After a student is admitted to teacher education he must retain minimum requirements. He must also maintain a grade point average of 2.50 in his professional education courses without a D in one of those courses. (See Major for listings of professional courses.) If one drops below the 2.50 in overall grade point or professional education grade point or has a D or F in a professional education course, he will be automatically dropped from teacher education and must reapply or be ineligible for licensure.

**Second: Admission to Student Teaching.** By March 1 of the year preceding the school year in which a student expects to student teach, he must make application for student teaching. Again his character and scholarship, as well as his work completed in the teaching field, will be reviewed.

Requirements for admission to student teaching:

1. Admission to teacher education.
2. 64 semester hours of credit.\*
3. Overall grade point average of 2.50.
4. Overall grade point average of 2.50 on all work taken at Oklahoma Christian.
5. Major grade point average of 2.75.
6. Major grade point average of 2.75 on all work taken in the major at OC.
7. Submission of a plan for completion of two-thirds of major hours (must have these before actually beginning student teaching).
8. Recommendation of major department.
9. Recommendation of associate dean of student services.
10. Approval of teacher education committee.

Applications for student teaching may be secured at the office of the Director of Teacher Education.

After a student is admitted to student teaching he must retain minimum requirements. Fall student teachers will be checked for the last time at the end of the winter trimester (or summer trimester if in attendance). Winter student teachers will be checked at the end of the fall trimester.

\*Courses taken at a junior college may not be used to satisfy professional education requirements.

### **Third: Passing Oklahoma Teacher Certification Test.**

The State of Oklahoma gives the exam four times each year. The exam covers the student's teaching field. Announcement of dates for applying to take the exam and the dates of the exam are posted in the education division office. A student must have the approval of the Director of Teacher Education to take the exam. The Director of Teacher Education must have verification from the student's department that he has taken the appropriate courses and has a grade point average of 2.75 in his teaching field.

Any student wishing to teach in a minor field must also take an exam in that field. Again, verification from that department and a grade point of 2.75 in the minor is required to take the exam.

Forms for making application to take the exam may be secured at the office of the Director of Teacher Education.

**Fourth: Approval for License.** To be recommended for a license, the applicant must meet the same requirements as for admission to student teaching. After the completion of all requirements for graduation and licensure, this will be checked by the Director of Teacher Education. Recommendation will be withheld if the applicant does not meet minimum requirements. Transfer work completed after graduation will not be considered in meeting grade point minimums for a license.

**Fifth: Approval for Certification.** After receiving a teaching license, the student must teach the first year under the guidance of an entry year committee. After a year of successful teaching, the entry year committee recommends the teacher for a teaching certificate.

### **B.S.E. Degree in Early Childhood Education (For teachers of preschool through grade 3) 42 hours**

Degree requirements:

1. 42 semester hours of early childhood education and elementary education: CD3113, 3312, 3323, 4112, 4813; EE2213, 3213, 4103, 4114, 4123, 4215, 4413; FL3113, 3223.
2. 30 semester hours of professional education: ED3113, 3211, 3213, 3412, 3723, 4013, 4313, 4619, 4811; PY3513.
3. In general education the following must be taken: a biological science, American history, American government, GS1113, GY2213, PY2113.
4. One student teaching experience must be done in a kindergarten classroom and the other in grade 1, 2 or 3.

5. See page 78 for application procedures for teacher education, student teaching, licensure and certification.
6. This degree also qualifies the student for a provisional elementary certificate. With the addition of the following 12 semester hours, you qualify for a standard elementary certificate: ED4112; EE4513, 4613; AR3122, MU3112.
7. All requirements are subject to change in accordance with State Department of Education regulations.

### **B.S.E. Degree in Early Childhood Education/ Elementary Education 54 hours**

Degree requirements:

1. Follow all requirements listed above for the Early Childhood Education Degree including those additional 12 semester hours listed in number 6.
2. This degree qualifies one for both a standard elementary education certificate and a standard early childhood education certificate.

### **B.S.E. Degree in Elementary Education 40 hours**

Degree requirements:

1. 35 semester hours in elementary education: ED4112, EE2213, 3213, 4103, 4114, 4123, 4215, 4413, 4513, 4613; MU3112, AR3122.
2. 5 semester hours in enrichment area (general education courses may not be chosen). Choose one:  
**Art:** (choose from) AR1113, 1213, 1413, 1513.  
**Communication Arts:** Electives from English (above level of EN2112), Literature, and/or Speech (6 hours).  
**Computer Science:** CS1113, 1123.  
**Early Childhood:** (choose from) CD3113, 3312, 3323, 4112.  
**English as a Second Language:** (choose from) EN3313, 3713, 4713, 4833, 4843.  
**Foreign Language:** Electives in one language.  
**Mathematics:** 5 hours above level of MA1133.  
**Music:** MU1112, 1211, 1212.  
**Science:** Electives.  
**Social Science:** Electives (6 hours).  
**Special Education:** SE3023, 4032 and 4801. (Students selecting this enrichment may substitute SE3013 for ED4313 and SE4023 for ED4112.)
3. A minimum of 30 semester hours in professional education: ED3113, 3211, 3213, 3412, 3723, 4013, 4313, 4619, 4811; PY3513.
4. In general education the following must be taken: a biological science, American history, American government, GS1113, GY2213, PY2113.

Continued ↓

## EDUCATION

### *Degree & Minor Requirements*

5. To teach in a middle school or junior high, the elementary education major must have eighteen (18) hours in the teaching field and a course in the specific subject which he is teaching.
6. This degree also qualifies the student for a provisional early childhood certificate with these additional courses: CD3312, 3323 and 4813. An early childhood certificate is required to teach kindergarten and primary grades in some states.
7. To receive an endorsement in Special Ed., take: SE3013, 3023, 4003 (CSU), 4023, 4032, PY3612, and two of the following: SE4801, 4841, or 4851. Students completing this program are not required to take ED4112 or 4313. By choosing the Special Ed. enrichment, one may complete the endorsement by adding only 8 hours to the program.
8. All requirements are subject to change in accordance with State Department of Education regulations.
9. See page 78 for application procedures for teacher education, student teaching, licensure and certification.

### **B.S.E. Degree (For teachers in secondary schools)**

#### Degree requirements:

1. 30 semester hours of professional education: ED3113, 3211, 3213, 3723, 4013, 4112, 4719, 4811; PY3612 and a secondary methods course in subject area.
2. General education must include American history and American government.
3. See the respective departments for requirements in the major and suggested programs.
4. Refer to OC Teacher Certification Handbook for requirements for teaching certificates and information about adding additional teaching fields (endorsements) to your teaching certificate.
5. See page 78 for application procedures for teacher education, student teaching, licensure and certification.
6. All requirements are subject to change in accordance with State Department of Education regulations.

### **B.S.E. Degree, B.M.E. Degree and B.A. Degree with certification For teachers of K-12 in Physical Education, Music and Art)**

#### Degree requirements:

1. A minimum of 30 semester hours of professional education: ED3113, 3211, 3213, 3723, 4013, 4811, 4819; PY3524 and the appropriate methods course(s) as follows:  
Art: ED4594.  
Music: ED4821, and:  
Instrumental: MUSIC 4842, 4862 (at CSU)  
Vocal: MUSIC 4852, 4872 (at CSU)  
Physical education: ED4514.
2. ED 4112 is strongly recommended. Many states require it for certification.
3. General education must include American history and American government.
4. See the respective departments for the requirements in the major and suggested programs.
5. Refer to Oklahoma Christian Teacher Certification Handbook for requirements for teaching certificates and information about adding additional teaching fields (endorsements) to your teaching certificate.
6. See page 78 for application procedures for teacher education, student teaching, licensure and certification.
7. All requirements are subject to change in accordance with State Department of Education regulations.

### **B.S.E. Degree in Special Education (For teachers of K-12) 46 hours**

#### Degree requirements:

1. 46 semester hours in special education and elementary education: SE3014, 3023, 4012, 4023, 4032, 4801, 4841, 4851, 4861; EE3213, 4114, 4123, 4215, 4413, 4513, 4613; AR3122 and SPCED 4003 at CSU.
2. Completion of minimum of 30 semester hours in professional education: ED3113, 3211, 3213, 3723, 4013, 4811, 4819; PY3513, 3612, SE3013.
3. In general education the following must be taken: a biological science, American history, American government, GS1113, GY2213, PY2113.
4. See page 78 for application procedures for teacher education, student teaching, licensure and certification. The certification available through this program is standard special education (mentally handicapped). This program also qualifies the student for a provisional elementary certificate.
5. With the addition of the following 12 hours, you qualify for a standard elementary certificate: ED3412, 4112; EE2213, 4103; MU3112.
6. All requirements are subject to change in accordance with State Department of Education regulations.

**B.S.E. Degree in Special Education/  
Elementary Education**  
**58 hours**

Degree requirements:

1. Follow all requirements listed for the Special Education Degree, including those additional 12 semester hours listed in number 5 above.
2. This degree qualifies one for both a standard elementary education certificate and a standard special education (mentally handicapped) certificate.

**Professional Education Minor**

30 hours. The specific courses vary some according to teaching field. Refer to individual teaching areas on previous page. This minor is required for certification and is available only to those who have been admitted to teacher education.

The following minors include courses that are available only to those who have been admitted to teacher education:

**Early Childhood Education Minor**

18 hours from the following: CD3113, 3312, 3323, 4112, 4813; ED4313, EE4103, FL3113, 3223; PY3513.

**Education Minor**

18 hours from the following: ED3113, 3211, 3213, 3412, 3723, 4112, 4313; PY3513, 3524, 3612 and approved electives. (Does not qualify one for a teaching certificate.)

**Elementary Education Minor**

A minimum of 18 hours, with nine hours required: EE4114, 4215 and an additional nine hours selected from EE2213, 3213, 4103, 4123, 4413, 4513, 4613; MU3112, AR3122.

**Special Education Minor**

A minimum of 18 hours as follows: SE3013, 3014, 3023, 4023, 4032, 4801, 4841, 4851, 4861.



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## DEPARTMENT OF CHILD DEVELOPMENT

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### 3113 Introduction to Early Childhood Education

History and philosophy of early childhood education. Contemporary approaches and programs. Practicum included. May take concurrently with ED3113.

### 3312 Development in Early Childhood: Language

Surveys language development and techniques for facilitating it in the preschool and primary years. Emphasizes methods and materials for developing pre-reading and oral language skills. Includes story-telling and dramatization. Prerequisites: Admission to teacher education, except for Family Life majors.

### 3323 Social Studies, Science and Mathematics in Early Childhood

Methods and materials for facilitating learning of social studies, science and math in early childhood. Course includes content on cognitive and social development, developmentally appropriate curriculum and instruction, and techniques for guiding child-centered, active learning. Emphasizes the contribution of play. Prerequisite: Admission to teacher education, except for Family Life majors. (Same as FL3323.)

### 4112 Creative Expressions in Early Childhood

A study of the development of and appropriate experiences in art, music, creative movement and perceptual motor skills for young children. May take concurrently with ED3113.

### 4813 Practicum in Preschool Education

Directed observation and teaching experience in the preschool. Prerequisites: CD3113, 3312, 3323, 4112, and EE4103, or concurrent enrollment in no more than two prerequisite courses; and admission to teacher education.

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## DEPARTMENT OF EDUCATION

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### 1111 Introduction to College

Covers the background and philosophy of the Christian, liberal arts college. Certain factual information about college policies and procedures presented by tape-workbook method in the Learning Center. ED1111 is required of all students with fewer than 32 semester hours.

## PROFESSIONAL EDUCATION COURSES:

### 3113 The School in American Culture

Introduces the student to the place of education in a democratic society. Emphasis is placed on history, philosophy and current issues in American education. Includes 33 hours of field experience. Prerequisite: 2.25 GPA and EN1213

with a "C" or above. Must complete the PPST (see page 80) before enrolling or during the course. (A fee is charged by the testing company for taking the PPST.) Note: To avoid delay in completing your degree, it is, best to take the PPST before taking ED3113.

### 3211 Instructional Media

Develops competence in the operation and effective utilization of equipment and materials commonly used by classroom teachers. Requires concurrent enrollment in ED3213. Prerequisite: admission to teacher education. Fee.

### 3213 Learning, Instruction and Evaluation

Relates contemporary theories of learning to instruction, develops skill in planning and evaluating instruction. Prerequisite: admission to teacher education, except for majors such as Religious Education and Youth Ministry.

### 3412 Computers in Education

A practical guide to the use of microcomputers in teaching. The student will become acquainted with microcomputer hardware/software and programming basics. Emphasis will be on using and evaluating commercial software designed for students' use and generating student activities from software designed primarily for the teacher's use. Prerequisite: admission to teacher education.

### 3723 Education of the Exceptional Child

A survey of various types of exceptionalities commonly found in children and adolescents. Emphasis will be given to education adaptations designed to meet the needs of the mainstreamed exceptional student. Prerequisite: Admission to teacher education, except by outside majors.

### 4013 Human Relations and Behavior Management

Relates the self image and communications skills to classroom interaction. Emphasizes warmth, empathy and genuineness. Develops skills in behavior modification. Offered with student teaching as the professional semester. Prerequisite: Admission to teacher education.

### 4313 Child Guidance and Parent/Community Relations

A study of classroom guidance theories and techniques for the preschool and primary age child. Includes the development of certain aspects of children's personalities and research-based, practical suggestions on how to foster or inhibit these aspects of personality. Also includes guidelines for conducting parent conferences and planning for parental and community involvement. Prerequisite: admission to teacher education, except for Family Life majors.

### 4619 Student Teaching in the Elementary School

Directed observation and teaching experience in the elementary school. Prerequisite: admission to student teaching. Fee.

### 4719 Student Teaching in the Secondary School

Directed observation and teaching experience in the secondary school. Prerequisite: Admission to student teaching and appropriate methods course. Fee.

### 4811 Student Teaching Seminar

Must be taken concurrently with student teaching. Requires typed copies of two units presented in student teaching. Appropriate sessions will be used for follow-up of student teaching situations. Topics in other sessions will include certification, professional organizations, parent conferences, obtaining a teaching position, teacher's rights, effective teaching, and legal aspects of the profession.

### 4819 Student Teaching in the Elementary and Secondary Schools

Directed observation and teaching experience in the elementary and secondary schools. Prerequisite: admission to student teaching and appropriate methods course(s). Fee.

### 4900 Independent Study in Professional Education

Assigned reading and reports based on the needs of the individual student. May be taken only by juniors or seniors with approval by chairman of the division. (1 hour)

## EDUCATION METHODS COURSES:

### 4112 Reading in the Content Areas

Includes methods, materials, testing, evaluation procedures and reading in the content areas. Prerequisites: ED3211 and 3213 or concurrent enrollment, and admission to teacher education.

### 4464 Methods of Teaching Mathematics in Secondary Schools

Methods and materials for instruction and evaluation in mathematics at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

### 4474 Methods of Teaching Social Studies in Secondary Schools

Methods and materials for instruction and evaluation in social studies at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

### 4514 Methods of Teaching Health and Physical Education in Secondary Schools

Methods and materials for instruction and evaluation in health and physical education at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education. (Same as PE4514.)

### 4524 Methods of Teaching Business Subjects in Secondary Schools

Methods and materials for instruction and evaluation in business subjects at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

### 4534 Methods of Teaching Science in Secondary Schools

Methods and materials for instruction and evaluation in science at junior high and high

Continued ▶

school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4554 Methods of Teaching Language Arts in Secondary Schools**

Methods and materials for instruction and evaluation in language arts at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4564 Methods of Teaching Speech in Secondary Schools**

Methods and materials for instruction and evaluation in speech at junior high and high school levels. Includes 33 hours of field experience. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4594 Methods of Teaching Art**

Defines role of art in public schools, explores techniques and methods of teaching art in both elementary and secondary schools, includes 33 hours of field experience. Required of all art education majors. Lab, 6 hours. Prerequisites: ED3211, 3213, 20 hours of art and admission to teacher education. Fee.

#### **4821 Practicum in Music Education**

Directed observation and teaching experience in the public school classroom: 33 hours of field experience. Prerequisite: admission to teacher education; to be taken concurrently with Music Methods classes.

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## DEPARTMENT OF ELEMENTARY EDUCATION

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#### **2213 Methods of Teaching Health and Physical Education in the Elementary Schools**

A comprehensive study of the needs of elementary school children. Specific areas such as identifying and helping children with learning disabilities involving perceptual motor difficulties are studied. Actual laboratory work is involved where new activities and methods of teaching these activities are demonstrated, and each student is a participant. Study also includes studying concepts of teaching children with physical and mental disorders. (Same as PE2213.) Prerequisites: Admission to teacher education.

#### **3213 Children's Literature**

An introduction to children's literature designed to develop the understanding that literature forms a central focus for the goals and instruction in the four language processes. Content includes an overview of the range of books for children, children's literature and the criteria used to evaluate and choose children's books. Major authors, illustrators, methodologies and issues are covered. Prerequisite: Admission to teacher education, except for non-education majors.

#### **4103 Beginning Reading**

Surveys the development of the reading process and the requirements reading makes on young

children, as well as techniques for facilitating it in the preschool and primary years. Includes methods and materials for developing prereading and beginning reading skills. Emphasis is placed on the rationale and instructional strategies of the Language Experience Approach. Current beginning reading curriculum materials are demonstrated. Practicum included. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4114 Methods and Materials in Elementary Reading**

The principles of teaching reading and the different approaches used in the public schools are included. The development of skills from readiness throughout the reading program are considered. Various materials used in these programs are introduced. Includes field experiences. Prerequisites: ED3211 and 3213 or concurrent enrollment, and admission to teacher education.

#### **4123 Diagnostic and Remedial Reading Techniques in the Elementary Schools**

A laboratory class that provides application of diagnostic and prescriptive teaching procedures with readers. This course guides the prospective teacher in student interaction and diagnostic teaching. Guidance is given in the scope and sequences of diagnosis and remediation. Practicum included. Prerequisites: EE4114 with a grade of "C" or higher and admission to teacher education.

#### **4215 Methods and Materials in Elementary Mathematics**

Methods and materials of teaching mathematics in the elementary school. Emphasis is placed on the use of concrete and semi-concrete experiences through lab classes. Includes field experiences. Prerequisites: ED3211, 3213, MA1133 with a grade of "C" or higher and admission to teacher education.

#### **4413 Methods and Materials in Elementary Language Arts**

Provides methods and materials to identify, assess and interpret student progress in listening, reading, speaking and writing skills; plan appropriate steps to help students improve these skills; preparation of units and aids; special emphasis on the multicultural child. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4513 Methods and Materials in Elementary Social Studies**

Designed to explore trends, methods and materials used in current social studies curricula in grades K-8; provides experience in constructing two one-week units; and preparation of teaching aids for varied cultures. Prerequisites: ED3211, 3213 and admission to teacher education.

#### **4613 Methods and Materials in Elementary Science**

Methods and materials of teaching science in the elementary school. Prerequisites: ED3211, 3213 and admission to teacher education. Fee.

#### **4910 Individual Study in Elementary Education**

Assigned readings and reports based on the

## EDUCATION

### Courses

needs of the individual student. May be taken only by juniors or seniors with approval of chairman of the division.

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## DEPARTMENT OF SPECIAL EDUCATION

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#### **3013 Conferencing and Counseling Regarding Exceptional Individuals**

A study of the development and guidance of children and guidance of all types of exceptional children. It has an emphasis upon developing communication skills to facilitate the relationship between parents and professional. It also includes programs designed to increase parental involvement and community interaction. Prerequisites: ED3723 and admission to teacher education.

#### **3014 Diagnostic and Prescriptive Teaching of Exceptional Children**

An introduction to methods and materials available for use with exceptional children, tests and evaluation materials for placement. Emphasis will also be given to early identification and intervention strategies. Prerequisites: ED3723 and admission to teacher education.

#### **3023 Nature and Characteristics of the Mentally Handicapped**

Provides an introduction to basic information and concepts, definitions, etiology, intelligence and intelligence testing, adaptive behavior, programs and services, learning theory, research and current issues. Prerequisites: ED3723 and admission to teacher education.

#### **4012 Teaching the Exceptional Adolescent**

Special class organization, curriculum adjustments and introduction to methods and techniques of teaching junior and senior high age mentally handicapped. Includes study of the relationship of the secondary special education teacher to parents, support personnel and available vocational programs. Prerequisites: ED3211, 3213, 3723 and admission to teacher education.

#### **4023 Curriculum and Methods of Teaching Mentally Handicapped Children**

Study of special class organization, curriculum adjustments and methods and materials for teaching educable and trainable mentally handicapped children. Attention is given to intermediate reading skills including materials, methods, evaluation and reading in content areas. Prerequisites: ED3211, 3213, 3723, and admission to teacher education.

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DEPARTMENT  
OF  
SPECIAL EDUCATION  
Continued

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**4032 Teaching the Mentally Handicapped  
With Multiple Disabilities**

Overview of CNS structure; etiology and characteristics of disturbances affecting the processing of information. Characteristics and terminology associated with disturbances in perceptual and motor behavior, cognitive processes, language functions, and emotional and social relationships. Specific information, techniques, and methods applicable to the systematic instruction of severely and multiply handicapped children and adolescents. Prerequisites: ED3723 and admission to teacher education.

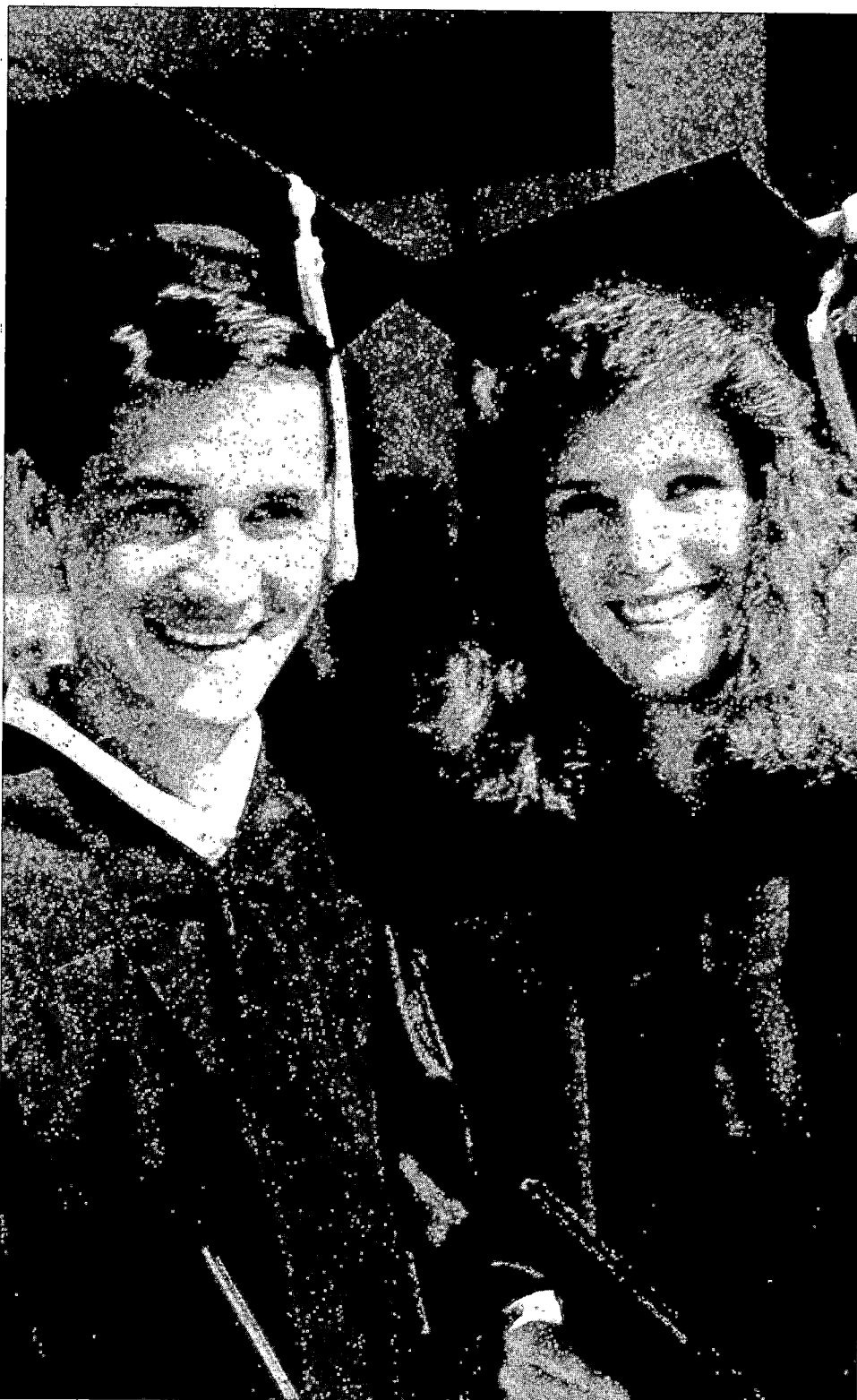
**4801 Practicum-Mentally Handicapped**  
Practical laboratory experiences in an educational program setting (taken during enrollment in SE3023).

**4841 Practicum-Trainable Mentally Handicapped**  
Practical laboratory experiences in an educational program setting (taken during enrollment in SE4023).

**4851 Practicum -Mentally Handicapped With Multiple Disabilities**  
Practical laboratory experiences in an education program setting (taken during enrollment in SE4023).

**4861 Practicum-Mentally Handicapped Adolescent**  
Practical laboratory experiences in an educational program setting (taken during enrollment in SE4012).

**4900 Independent Study in Special Education**  
Assigned readings and reports based on the needs of the individual student. May be taken only by juniors or seniors with approval of the chairman of the division. (1-3 hour.)



# Division of LANGUAGE & LITERATURE

Because language (listening, speaking, reading and writing) is the common denominator of all human tasks, the discipline of language and literature is basic to every program offered by the university. The division's curriculum is founded upon the premise that students must learn to communicate their ideas and insights effectively and efficiently to a world community and that this goal is possible through the study of: (1) writing, logic and rhetoric; (2) the great literatures of the world, especially Anglo-American literature; (3) foreign languages; (4) the methods of research and scholarly inquiry; (5) linguistics; and (6) English as a second language.

The division offers four degree programs, each emphasizing one or more of these objectives. The bachelor of arts in English degree is a pre-professional degree giving students the broadest possible experience in language, literature, research, and analytical and critical skills — essential qualities in most professional careers. The bachelor of science in education degree prepares one to teach the language arts in the secondary school. The bachelor of arts in teaching English as a foreign language (TEFL) prepares teachers of non-native speakers of English. The bachelor of arts in English/writing provides specific training in professional writing for use in a wide variety of careers.

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## DEPARTMENTS

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English (EN)  
Modern Languages (ML)  
    French (FR)  
    German (GM)  
    Japanese (JP)  
    Portuguese (PT)  
    Russian (RU)  
    Spanish (SN)

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## DEGREES OFFERED

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B.A. Degree in English  
B.A. Degree in English/Writing  
B.A. Degree in Teaching English As a Foreign Language  
B.S.E. Degree in English

### Minors:

English  
Language Arts  
Teaching English as a Foreign Language  
Writing

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## FACULTY

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Jeanine Varner, Ph.D., divisional chair,  
    associate professor of English  
Merle K. Gatewood, M.A., assistant professor  
    of English and foreign language  
Peggy Gipson, M.A., assistant professor of English  
Elmo Hall, Ph.D., professor of English  
Joe E. McCormack, M.A.T., associate professor of English  
Gail Nash, M.A., instructor of English  
Bailey McBride, Ph.D., professor of English, academic dean  
Robert Reynolds, M.A., assistant professor of Spanish  
Mark Woodward, Ph.D., associate professor of English

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## LOCATION

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**Classrooms and Faculty Offices:**  
Mabee Learning Center

**Divisional Office:**  
LC 220

# LANGUAGE & LITERATURE

## Degree & Minor Requirements

### B.A. Degree in English 30 hours

The English major must meet all the general requirements for the B.A. degree. The major consists of 30 hours of English beyond the freshman English Composition as follows:

#### Degree requirements:

1. A minimum of 12 hours required: EN3013, 4213; at least one course in English literature survey, chosen from EN3154 or 3264; and at least one survey course in American literature, EN3573 or 3683.
2. At least 9 hours literature not used above.
3. 9 hours English electives.
4. Two courses in a foreign language (minimum total, 6 hours).

A student majoring in English should work with his advisor to select the minor that will be most useful to him. History, speech, art and education are often helpful to an English major.

#### Pre-law Emphasis:

The course requirements for the English pre-law emphasis are the same as for the regular B.A. in English; however, students should consult with their advisors to determine the best combination of courses.

### B.A. Degree with teacher certification:

Students who wish to earn the B.A. degree in English and also meet the requirements for a teaching certificate in English must meet all the requirements for a B.S.E. degree as well as the above requirements for the B.A. See page 80 for general requirements for a B.S.E. degree for teaching in secondary schools.

### B.A. Degree in English/Writing 36 hours

The B.A. degree in English/Writing is designed to develop professional writing skills so that graduates can enter a variety of careers. Since writing well is essential in business and education, and since many graduate and professional schools demand exceptional composition skills, many students will want to combine a major or minor in writing with other professional training.

#### Degree requirements:

1. 8-12 hours writing courses
  - A. 2-4 hours creative writing chosen from: EN3512, 3522, 4511, 4512.
  - B. 3 hours individualized writing: EN3813.
  - C. 3 hours technical writing: EN3493.
  - D. 0-2 hours independent study or practicum in writing.
2. 6 hours freshman composition: EN1113, 1213.
3. 9-12 hours upper division literature courses listed in the catalog.
4. 3 hours literary criticism: EN3013.
5. 3-6 hours grammar/linguistics: EN3313, 3713.
6. 3-6 hours journalism chosen from: MC2113, 2133, 3133 or a course in typology.
7. Two courses in a foreign language (minimum total, 6 hours).

### B.S.E. Degree in English 40 hours

The major is designed primarily for those who plan careers in middle, junior or senior high school teaching. The student must meet all the requirements for the bachelor of science in education degree, including a minor in professional education, and complete 40 hours in English as follows:

#### Degree requirements:

1. 12 hours grammar and composition:
  - A. 9 hours required: EN1113, 1213, 3713.
  - B. 3 hours from: EN3013, 3813, 3493, 3512, 3522.
2. 3 hours linguistics: EN3313.
3. 6 hours American literature: EN3573, 3683.
4. A minimum of 6 hours English literature: EN3154, 3264.
5. A minimum of 3 hours world literature: EN2313 or 2413.
6. 10 hours electives from any of the following departments, with no more than 6 hours from any one category:
  - A. English
  - B. speech
  - C. journalism
  - D. drama
  - E. library science

## **B.A. Degree in Teaching English As A Foreign Language (TEFL) 30 hours**

The B.A. degree in TEFL is designed for students with an interest in teaching English as a foreign language. The degree may lead directly to teaching opportunities in the U.S. and abroad, or it may serve as preparation for graduate study in TEFL.

### **Degree requirements:**

1. 15 hours of specialized TEFL courses: EN3313, 3713, 4713, 4833, 4863.
2. 15 hours in other English and related courses:
  - A. 3-6 hours English literature from: EN3013, 3154, 3264, 4113, 4213, 4313 or 4413.
  - B. 3-6 hours American literature from: EN3573, 3683, 4513 or 4813.
  - C. 3-6 hours related courses from EN1331, GY2113, 2213, HI1113, 3123; SO3513, 3613.
3. Two courses in a foreign language (minimum total, 6 hours)

## **English Minor\***

A minimum of 18 hours in the area with at least nine hours of advanced (3000 and 4000 level) courses.

## **Language Arts Minor\***

A minimum of 21 hours from English, speech and journalism. At least nine hours must be in 3000 and 4000 level courses in English.

## **TEFL Minor**

A minimum of 18 hours as follows: EN3313, 3713, 4713, 4833, 4863 and three hours from the following: EN1331, GY2113, 2213, HI1113, 3123, or SO3513, 3613.

## **Writing Minor\***

A minimum of 18 hours, with nine hours required: EN3013, 3493, and 3813. The remaining nine hours may be chosen from: EN3313, 3512, 3522, 3713, 4511, 4512, 4851, 4852; MC2113, 2133, 3133 or a course in typology.

\*A teaching minor for B.S.E. candidates requires a minimum of 24 hours. See OC Teacher Certification Handbook for specific course requirements.



DEPARTMENT  
OF  
ENGLISH

WRITING AND READING  
COURSES:

**1102 Reading Improvement**

An individualized reading program to develop better vocabulary, comprehension, speed and listening skills. Fee.

**1103 Developmental Writing**

A grammar and writing course designed to develop the basic skills necessary for successful college study. The course may be required as a prerequisite to EN1113, depending on the student's ACT verbal scores (or other equivalent measures). Students assigned to this course may move directly to EN1113 if they pass a diagnostic test given the first week of class.

**1113 English Composition I**

An introduction to college writing with emphasis on the composing process, personal writing, basic rhetorical modes, grammar and beginning research practices. Includes the study and imitation of prose models.

**1213 English Composition II**

A second course in college writing with emphasis on expository, critical, persuasive and research writing. Includes the study, analysis and interpretation of great literary works. Prerequisite: EN1113.

**3013 Literary Criticism**

An introduction to critical methods with special attention to the elements of literary study, the major critical documents from Aristotle to T.S. Eliot, and present approaches—symbolic, thematic, formalistic, psychological and archetypal.

**3493 Technical Writing**

A study of scientific, business and technical writing including experience in conducting research, writing abstracts and composing major types of reports. Includes a study of the format of scientific/technical journals. Prerequisite: EN1213.

**3512 Creative Writing I**

Study of the theory of creative writing and practice in a workshop setting in the composition of fiction, poetry and/or drama. An introduction to the sources of creative writing, the characteristics of the major genres, and the process of revision and editing. Prerequisite: EN1213.

**3522 Creative Writing II**

An advanced study and practice of the craft of one major genre (usually either fiction, poetry or drama). A workshop in practicing the particular features of the genre under study, the process of revision, editing and marketing of manuscripts. EN3512 recommended as a prerequisite. Prerequisite: EN1213.

**3813 Individualized Writing**

Extensive practice, analysis and evaluation of writing in a seminar setting, for expository writers whether beginning or advanced. Prerequisites: EN1113 and 1213.

**4511, 4512 Seminar in Writing**

A workshop in advanced writing conducted by a guest professional writer emphasizing one genre (e.g., biography, religious journalism, fiction, magazine publication, etc.). Course may be repeated as content changes. Prerequisite: EN1213; either EN3512 or 3522 recommended.

**4851, 4852 Practicum in Writing/Research/Editing**

Practical experience working with a publisher of books or periodicals (e.g., work with a textbook publisher, *Soundings* or *Christian Chronicle*.)

JOURNALISM COURSES:

See department of mass communication.

LITERATURE COURSES:

**2313 World Literature: Classic to Renaissance**

A study of representative western masterpieces from the time of Homer to Cervantes with attention to the philosophies and great ideas in western thought. Prerequisite: EN1213.

**2413 World Literature: Renaissance to Modern**

A continuation of EN2313, includes representative writers from Voltaire to Camus. Prerequisite: EN1213.

**2513 Studies in World Literature**

The study of one major genre (fiction, poetry or drama) as it appears in major world literature. The course may be repeated as the content changes. Prerequisite: EN1213.

**3154 English Literature, 850-1750**

A study of the major writings of English literature from the Danish invasions to the age of Dryden. Prerequisite: EN1213.

**3264 English Literature, 1750-present**

A study of English writings from the age of Samuel Johnson to the present time. Studies will concentrate on the most important works and their relation to the prevailing ideas and thought of the time. Prerequisite: EN1213.

**3573 American Writers 1865**

A survey of the writing from colonial and revolutionary times of American history and a study of the major writers through Dickinson. Prerequisite: EN1213.

**3683 American Literature Since 1865**

A study of major American authors and literary movements of the later nineteenth century and the twentieth century. Prerequisite: EN1213.

**4113 Studies in Chaucer**

A detailed study of Chaucer's works and the modern criticism of Chaucer. Prerequisite: EN1213.

**4213 Studies in Shakespeare**

A thorough analysis of at least twelve of Shakespeare's plays and the major criticism. Prerequisite: EN1213.

**4313 Studies in Milton**

A study of Milton's major works and their relation to his intellectual, religious and political involvements. Prerequisite: EN1213.

**4413 Studies in English Literature**

A detailed study of a specific genre, movement or writer in English literature. This course may be repeated as the content is changed. Prerequisite: EN1213.

**4513 Studies in American Literature**

A detailed study of a specific genre, movement or writer in American literature. This course may be repeated as the content is changed. Prerequisite: EN1213.

**4813 Special Problems**

An interdisciplinary study of an epoch with attention to the literature. Content varies and the course may be repeated. Prerequisite: EN1213.

**4900 Independent Study**

A reading, research or writing project related to a student's special interest or need. May be taken only by juniors or seniors with approval of the divisional chairman and agreement by an English faculty member to direct the project. (1-3 hours).

TEFL COURSES:

**1201 English Conversation for TEFL Students**

An intermediate course in the English language for non-native speakers. The course includes a review of basic English grammar, readings in the language, pronunciation drill, and conversation. Normally open only to Japanese students participating in the Ibaraki Christian College-Oklahoma Christian Exchange Program.

**1203 American Culture for EFL Students**

An intermediate course in American culture for non-native speakers. Emphasis may vary (literature, art, history, etc.) according to the professor teaching the course. Normally open to Japanese students participating in the ICC-OC exchange program.

**1331 TEFL Experience**

Supervised private tutoring of non-native English speakers. To receive credit, a student must work not less than 60 hours in a trimester part of which will be preparation for the tutoring sessions and evaluation of the tutoree's work.

**3313 Introduction to Linguistics**

The basic concepts, scope and methodology of the science of language in its descriptive and historical aspects. An introduction to the phonemic, morphemic and syntactical features of language. Review of the development of modern linguistics. Prerequisite: EN1213.

**3713 Structure of the English Language**  
An introduction to the history of English language and grammatical systems, with special attention to transformational grammar. Prerequisite: EN1213.

**4713 Teaching English as a Foreign Language**  
Survey of objectives, methods and philosophies of the teaching of English to non-native speakers of English. Practice in the development of teaching materials. Prerequisite: EN1213.

**4833 Cross-cultural Communication**  
A survey of the basic concepts of how people communicate effectively across cultural boundaries, with special attention to the problems faced by language instructors. Prerequisite: EN1213.

**4843 Cross-Cultural Communication II**  
A continuation of EN4833, typically taught while a student is living in a foreign culture. Prerequisite: EN1213.

**4863 TEFL Student Teaching Practicum**  
Observation and teaching experience in an ESL classroom or extensive practice in private tutoring with formal supervision. Prerequisite: EN4713.

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## DEPARTMENT OF MODERN LANGUAGES

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### FRENCH COURSES:

**1001 Travelers' French**  
A brief introduction to French pronunciation and useful phrases for those who have no background in French. Practice tapes assigned.

**1102 Introduction to French**  
Foundation principles and practice of speaking, understanding, reading and writing French and an introduction to French culture for those with no background in French.

**1113 Basic French I**  
Basic principals and practice of speaking, understanding, reading and writing French with the study of some cultural differences. Prerequisite: FR1102 or one year of French in high school, or the equivalent.

**1213 Basic French II**  
Continuation of Basic French I, enabling the student to read, write, understand and respond in basic French and to be aware of cultural differences. Prerequisite: FR1113 or two year of French in high school, or the equivalent with permission of the professor.

**4990 French Foreign Study**  
Work toward a French minor accomplished by the student while in a French-speaking country and directed by an OC foreign language faculty member. Variable credit, individually arranged.

### GERMAN COURSES:

**1102 Introduction to German**  
Foundation principles and practice of speaking, understanding, reading, and writing German and an introduction to German culture for those with no background in German.

**1113 Basic German I**  
Basic principles and practice of speaking, understanding, reading, and writing German with the study of some cultural differences. Prerequisite: GM1102 or one year of German in high school or the equivalent.

**1213 Basic German II**  
Continuation of Basic German I enabling the student to read, write, understand and respond in basic German and to be aware of cultural differences. Prerequisite: GM1113 or two years of German in high school or the equivalent with permission of the professor.

### JAPANESE COURSES:

**1114 Basic Japanese I**  
A study of beginning Japanese, enabling the student to understand, respond, read and write basic Japanese.

**1214 Basic Japanese II**  
A continuation of Basic Japanese I, enabling the student to respond, understand, and write in a basic Japanese vocabulary.

**2111 Japan Exchange Orientation**  
Preparation for participation in the Ibaraki Christian College exchange program. Students will be required to attend bi-weekly meetings at which they will receive instruction in elementary Japanese language, Japanese culture and religions, mission methods to be used in Japan, and group cohesion. Instructed by the director of each year's program.

### PORTUGUESE COURSES:

**1112 Basic Portuguese I**  
The first course of a two course sequence enabling the student to understand, respond, read and write in basic Portuguese.

**1212 Basic Portuguese II**  
Continuation of PT1112. Completes the study of basic Portuguese grammar with more extensive reading and oral work. Prerequisite: PT1112 or the equivalent with permission of the professor.

**4900 Independent Study**  
A reading, research or writing project related to a student's special interest or need. May be taken only by juniors or seniors with approval of the divisional chairman.

### RUSSIAN COURSES:

**1112 Basic Russian I**  
The first course of a two-course sequence enabling the student to understand, speak, read, and write basic Russian.

## LANGUAGE & LITERATURE

### Courses

**1212 Basic Russian II**  
Continuation of RU1112. Completes the study of basic Russian grammar with more extensive reading and oral work. Prerequisite: RU1112, or equivalent, with permission of the professor.

### SPANISH COURSES:

**1102 Introduction to Spanish**  
Foundation principles and practice of speaking, understanding, reading and writing Spanish and an introduction to Hispanic cultures for those with no background in Spanish.

**1104 Spanish Language**  
One-month intensive study of college Spanish for participants in the science/pre-med international studies program in Guatemala.

**1113 Basic Spanish I**  
Basic principles and practice of speaking, understanding, reading, and writing Spanish with the study of some cultural differences. Prerequisite: SN1102 or one year of Spanish in high school or the equivalent.

**1213 Basic Spanish II**  
Continuation of Basic Spanish I, enabling the student to read, write, understand and respond in basic Spanish and to be aware of cultural differences. Prerequisite: SN1113 or two year of Spanish in high school or the equivalent with permission of the professor.

**2113 Spanish Grammar and Readings**  
A complete review of Spanish grammar with pronunciation drill, conversation and cultural readings. Prerequisite: SN1213, or the equivalent with the permission of the professor.

**2123 Spanish Composition and Conversation**  
Guided development in spoken and written Spanish designed to increase vocabulary and improve usage. Prerequisite: SN 1213 or the equivalent with the permission of the professor.

**3213 Spanish Literary Readings**  
A survey of Spanish literature based on selected passages and short works. Prerequisite: SN2113 or 2123, or the equivalent with the permission of the professor.

**3223 Hispanic Civilization**  
A multi-media overview of Spanish speaking civilizations through geography, history, art, architecture and music. Lecture, discussion and composition in Spanish. Prerequisite: SN2113 or 2123, or the equivalent, with the permission of the professor.

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DEPARTMENT  
OF  
MODERN LANGUAGES  
Continued

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**4811 Special Studies in Spanish**

Selected readings from different centuries in Spanish and Latin American literature. Content will change every trimester. May be repeated four times for credit.

**4900 Independent Study**

A reading, research or writing project related to a student's special interest or need. May be taken only by juniors or seniors with approval of the divisional chairman.

**4990 Hispanic Foreign Study**

Work toward a Spanish minor accomplished by the student while in a Spanish-speaking country and directed by an OC foreign language faculty member. Variable credit, individually arranged.

**Retroactive Credit  
for Foreign Language**

See page 32.



# *Division of* PHYSICAL EDUCATION

*The unique contribution physical education makes to education and personal development is in the area of efficient and purposeful movement. Such contribution is of tremendous importance in view of the scientific truth that 'the basic tool*

*for performance of any task in life is the human body.' The aims, goals and purposes of the physical education curriculum at Oklahoma Christian are to develop well-rounded, happy, healthy, skilled and productive individuals.*

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## DEPARTMENTS

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Physical Education (PE)

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## DEGREES OFFERED

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B.S.E. Degree in Physical Education

B.S. Degree in Physical Education

### **Minor:**

Physical Education

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## FACULTY

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Max Dobson, Ed.D., divisional chair, athletic director,  
professor of physical education

Stephanie Findley, M.Ed., instructor in physical education

Dan Hays, M.Ed., professor of physical education

Randy Heath, M.S., associate professor  
of physical education

John Inman, M.S., instructor in physical education

Curtis Janz, M.S., instructor in physical education

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## LOCATION

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### **Classrooms and Faculty Offices:**

W.T. Payne Physical Education Building

### **Divisional Office:**

PE 203

# PHYSICAL EDUCATION

## *Degree & Minor Requirements*

### **B.S.E. Degree in Physical Education 42 hours**

The undergraduate program in physical education has as its principal objective the preparation of professional teachers of physical education for both elementary and secondary schools. The students will be trained to offer their professional training to physical education programs, recreational and intramural programs and varsity sports programs. In addition, students will be trained to teach health as a correlated area. The student will also be prepared for entering graduate study in physical education in order to continue his growth professionally. Strong emphasis is also placed on teaching the handicapped various types of motor activities.

The student, in addition to the general education requirements, must complete the following:

1. A minimum of 42 hours in physical education which must include:
  - A. 22 semester hours of physical education theory:
    - 1) 15 hours foundation courses: PE1113, 2213, 3113, 3313, 4113.
    - 2) 2 hours minimum from any coaching methods course: PE3223, 3233, 3242, or 3262.
    - 3) 2 hours sports officiating: PE2612.
    - 4) 3 hours adapted physical education: PE4313 or 4513.
  - B. 13 semester hours of health education including: BI2214, PE2312, 2412, 2512, 4323.
  - C. 7 semester hours of activity courses selected from the following or similar courses: PE1111, 1211, 1311-1381, 1411, 1421, 1431, 1511, 1521, 1611, 1621, 1711, 1811, 1821, 1911, 2211, 2311, 2321, 4211, 4311, 4411 and 4900 courses. Varsity athletes that enroll in any of the intercollegiate sports that are offered for credit (1300 courses) will be allowed to count only 2 of these toward the 8 semester hours credit in activity courses needed for this degree.
2. Professional education, 30 hours; see requirements on page 80.

### **B.S. Degree in Physical Education 49 hours, no minor required**

This degree program is designed for students who are preparing to work for agencies such as YMCAs, YWCAs, special camps and a variety of recreation programs. Those desiring to teach in public schools should elect the B.S.E. degree.

In addition to the general education requirements, the student must complete the following:

1. 25 semester hours of physical education theory including the following or their equivalent: PE1113, 2213, and 4113. Physical education courses offered as electives are: PE2412, 2612, 3113, 3223, 3233, 3242, 3252, 3262, 3313, 4112, 4213, 4323, 4313, 4513 and 4514.
2. 8 semester hours of activity courses selected from the following or similar courses: PE1111, 1211, 1300 courses, 1411, 1421, 1431, 1511, 1521, 1611, 1621, 1711, 1811, 1821, 1911, 2211, 2311, 2321, 4211, 4311, 4411. Varsity athletes that enroll in any of the intercollegiate sports that are offered for credit (1300 courses) will be allowed to count only 2 of these toward the eight semester hours credit in activity courses needed to graduate.
3. 8 semester hours of health education including: BI2214 and PE2312. PE2512 or 4323 may also be taken to satisfy the remaining hours of this requirement. The latter is strongly recommended.
4. 8 semester hours of professional education:
  - A. ED3723.
  - B. 4-5 hours developmental psychology: PY3513 and 3612, or PY3524.

### **Physical Education Minor.\***

Students desiring to minor in physical education must have a minimum of 18 hours in this area. A student must take PE 1113, 2213, and 4514. It is strongly recommended that the student take 14 hours of theory and four hours of activity to meet the 18 hours requirement.

\*A teaching minor requires a minimum of 24 hours. See OC Teacher Certification Handbook for specific course requirements.

# DEPARTMENT OF PHYSICAL EDUCATION

## ACTIVITY COURSES:

Usually meet 3 hours weekly

### 1111 General Physical Education

Instruction and practice in a wide variety of individual and team sports with an emphasis placed on physical development. Strongly recommended as the beginning activity course.

### 1211 Basic Tumbling and Gymnastics

Instruction and practice in the fundamentals of tumbling and gymnastics.

### 1311-1391 Intercollegiate Sports

Instruction, practice, and participation in the intercollegiate sports sponsored by the school.

### 1411 Beginning Swimming

Instruction and practice in the fundamentals of swimming for those who cannot swim or can just demonstrate a few basics involved in swimming skills. Fee.

### 1421 Intermediate Swimming

Instruction and practice in technical skills of swimming for those who have had a beginner course. Fee.

### 1431 Advanced Swimming

Instruction and practice in advanced swimming skills for those who have had beginning and intermediate courses. Fee.

### 1511 Beginning Bowling

Instruction and practice in the fundamentals of bowling. Fee.

### 1521 Advanced Bowling

Instruction and practice in advanced bowling skills. Fee.

### 1611 Beginning Tennis

Instruction and practice in the fundamentals of tennis.

### 1621 Advanced Tennis

Instruction and practice in advanced tennis skills.

### 1711 Volleyball and Archery

Instruction and practice in the fundamentals of volleyball and archery.

### 1811 Basketball Fundamentals

Instruction and practice in the fundamentals of basketball.

### 1821 Golf

Instruction and practice in the fundamentals of golf.

### 1911 Badminton

Instruction and practice in the fundamentals of badminton.

### 2211 Racquetball

Instruction and practice in the fundamentals of racquetball. Fee.

### 2311 Rhythm Aerobics I

This class includes cardio-vascular conditioning for the improvement of muscle tone, posture, endurance, flexibility, coordination, balance, and agility. Fee.

### 2321 Rhythm Aerobics II

Continuation of Aerobics I, with advanced material. Fee.

### 4211 Sports Methods I

Open to physical education majors who are juniors or seniors. Divisional chairman must approve enrollment in this class as he will assign students to assist in activity class or related area.

### 4311 Sports Methods II

Open to physical education majors who are junior or seniors. As in 4211, the divisional chairman must approve enrollment in this course as assignments will be made for each student to assist or supervise activities.

### 4411 Teaching the Handicapped Child

Open to all students in the education field. This class allows students to actually work with physically and mentally disabled students. All work is done within a lab setting involving physical education and recreation skills.

### 4900 Independent Study in Physical Education

Varies from actual laboratory work to specific contract assignments in various sports activities. May be taken by juniors or seniors with approval by divisional chairman. A physical education major may take this course when the divisional chairman feels it may be fitted to his needs and interests, but non-majors will not be allowed to enroll unless under severe hardship to graduate.

## THEORY COURSES:

### 1113 Introduction to Physical Education

This course introduces the prospective physical education majors to all phases of the field.

### 2213 Methods of Teaching Health and Physical Education in the Elementary Schools

A comprehensive study of the needs of elementary school children. Specific areas such as identifying and helping children with learning disabilities involving perceptual motor difficulties are studied. Actual laboratory work is involved where new activities and methods of teaching these activities are demonstrated, and each student is a participant. Study also includes studying concepts of teaching children with physical and mental disorders.

### 2312 First Aid

A study in the immediate care of persons involved in various types of emergencies.

## PHYSICAL EDUCATION

### Courses

### 2412 Care and Prevention of Athletic Injuries

A course designed for men and women who are planning to coach varsity sports. Discussion will involve common injuries and types of treatment for which each coach must be prepared. Laboratory work will be required. Prerequisite: PE2312. Fee, \$10 (covers tape and supplies but does not include book).

### 2512 Personal Health

Aspects of physical and mental health with emphasis on the needs of personal health.

### 2612 Sports Officiating

Instruction and practical experience in officiating various sports including basketball, baseball, volleyball, and football.

### 3113 Kinesiology

Involves the study of human movement. Many forms of movement are analyzed and correlated with scientific principles of coaching various activities.

### 3223 Theory of Coaching Football

Basic principles of coaching football will be considered. Other areas of consideration will be scouting and equipment.

### 3233 Theory of Coaching Basketball

Both defense and offense will be discussed. Practical applications such as hiring officials, pre-game situations and personnel problems will be studied.

### 3242 Theory of Coaching Volleyball

The study of all the principles involved in coaching this sport. Techniques in proper officiating will be discussed as well as rules.

### 3252 Theory of Coaching Baseball and Softball

Scientific principles of coaching baseball and softball as well as very practical applications. Pre-season and in-season drills will be studied.

### 3262 Theory of Coaching Track and Field

The study of coaching principles in track and field events. Practical knowledge involving the organization and administration of track meets will be included.

### 3313 Tests and Measurements in Physical Education

This course covers various measuring or evaluating tools, reasons for evaluating, individual evaluations, educational statistics,

Continued ↓

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DEPARTMENT  
OF  
PHYSICAL EDUCATION  
Continued

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etc. It is designed to give the student better insight in reading research data involving statistical analysis. This course is essential for those students in physical education planning to do graduate work.

**4112 Recreational Leadership**

The study of leadership qualities needed in the organization and administration of various types of recreational programs.

**4113 Organization and Administration of Physical Education**

Study of the organization and administration of physical education and athletic programs in the public schools. This is basically the capstone course for physical education majors as they review and discuss problems in their professional field and how it is changing.

**4213 Organization and Administration of Intramurals**

A study of the development of intramural sports in this country and the current theories and practices used by intramural programs over the nation. Field experience in organizing and administering an intramural program is utilized.

**4313 Physical Education for the Exceptional Child**

A study of various types of programs in physical education for the mentally retarded, physically disabled, learning disabled, and emotionally disturbed. Lab work is required in actually teaching these types of children.

**4323 Physiology of Exercise**

The study of various scientific methods of coaching and teaching physical education classes. Prerequisite: Biology.

**4513 Recreational Activities for the Handicapped**

A study consisting chiefly of practical experiences in working with the handicapped in movement and recreational concepts on the OC campus.

**4514 Methods of Teaching Health and Physical Education in Secondary Schools**

Methods and materials of instruction, planning, and conducting physical education activities at the junior high and high school levels. This course satisfies the professional education requirement, but B.S.E. students should enroll in it as ED4514. (See page 80.)



# Division of SCIENCE & ENGINEERING

The science and engineering division of Oklahoma Christian seeks for its students a thorough knowledge of scientific principles and laws in order that they may succeed in their chosen professions, and a broad exposure to the arts, humanities and social sciences that they

might live a vibrant life. More importantly, the faculty seeks to show students the magnificent complexity of our world and the limitations of our knowledge, that they may seek full understanding in the revelation of God.

## DEPARTMENTS

### Natural Sciences:

#### Biological Sciences:

Biology (BI)  
Botany (BO)  
Medical Technology (MT)  
Zoology (ZO)

#### Physical Sciences:

Air Science (AS)  
Chemistry (CH)  
General Science (GS)  
Physics (PH)

### Engineering:

Electrical Engineering (EL)  
Engineering Science (ES)  
Mechanical Engineering (ME)

### Mathematics/Computer Science:

Computer Science (CS)  
Mathematics (MA)

## DEGREES OFFERED

### Natural Sciences:

B.S. Degree in Biochemistry  
B.S. Degree in Biology  
B.S. Degree in Chemistry  
B.S. Degree in Engineering Physics  
B.S. Degree in Medical Technology  
B.S.E. Degree in Science

### Engineering:

B.S. Degree in Electrical Engineering  
B.S. Degree in Mechanical Engineering

### Mathematics/Computer Science

B.S. Degree in Computer Science  
B.S. Degree in Mathematics  
B.S.E. Degree in Mathematics  
B.S. Degree in Mathematics/Computer Science

## LOCATION

### Divisional and Faculty Offices:

Prince Engineering Center

### Classrooms:

Herold Science Hall, Prince Engineering Center,  
Vose Hall

## FACULTY

### Department of Natural Sciences:

Mike Fowler, Ph.D.; chair, department of natural sciences; professor of biology  
James Baxter, Ph.D., professor of chemistry  
Leonard Feuerhelm, Ph.D., professor of physics  
Kim Gaither, Ph.D., assistant professor of biology  
Mike Gipson, Ph.D., professor of biology  
Darvin Keck, Ph.D., professor emeritus of biology  
Roland Schultz, Ph.D., professor of chemistry

### Department of Engineering

Troy Pemberton, Ph.D.; chair, department of engineering; professor of electrical engineering  
James Cutbirth, M.S., associate professor of mechanical engineering  
James Elkins, M.S.M.E., associate professor of mechanical engineering  
Lynn Nored, M.E.E., associate professor of electrical engineering  
Harold Orr, M.S.M.E., associate professor of mechanical engineering  
Jerald Parker, Ph.D., professor of mechanical engineering  
Arthur Sheldon, M.S., associate professor of electrical engineering  
Steven Wagner, M.S., associate professor of electrical engineering  
Joe Watson, M.S., professor of electrical engineering  
Wayne Whaley, Ph.D., professor of mechanical engineering

### Department of Mathematics/Computer Science

Ralph DeBoard, M.S.; chair, department of math/computer science; associate professor of computer science  
Richard Greenhaw, Ed.D., professor of mathematics and computer science  
Donald Leftwich, M.A., assistant professor of mathematics and computer science  
Robert McMillan, Ed.D., distinguished professor of mathematics

# SCIENCE & ENGINEERING

## Degree Requirements

### DEPARTMENT OF NATURAL SCIENCES:

#### B.S. Degree in Biochemistry 76 hours, no minor required

##### Degree requirements:

- 11 hours minimum mathematics and computer science: MA2114, 2214; CS1113 or higher level computer science.
- 10 hours physics: PH2115, 2215.
- 19 hours biology:
  - 7 hours biochemistry: BI4114, 4123.
  - 12 hours other biology courses.
- 32 hours chemistry: CH1114, 1214, 2113, 2121, 2213, 2221, 3114, 3214, 4113, 4121, 4213, 4221.
- 1 hour science seminar: GS4711.
- 3 hours technical writing: EN3493.

#### B.S. Degree in Biology 60 hours, no minor required

##### Degree requirements:

- 20 hours biology core courses: BI2114, 2214, 3414; BO1114 or 1214; ZO2114.
- 11 hours other biology, excluding general biology. Must include one course from BI3324, BO3314 or ZO3224.
- 12 hours chemistry: CH1114, 1214, 2113, 2121.
- 6 hours mathematics:
  - 3 hours statistics: MA2913.
  - 3 hours MA1214 or higher level math course.
- 1 hour science seminar: GS4711.
- 4 hours physics: PH1114 or higher.
- 3 hours computer science: CS1113, IS2113, or a higher level computer science course.
- 3 hours technical writing: EN3493.

#### B.S. Degree in Chemistry 67 hours, no minor required

##### Degree requirements:

- 12 hours minimum mathematics: MA2114, 2214, 2314.
- 3 hours computer science from: CS1113 or higher level computer science.
- 13 hours physics: PH2115, 2215, 3313.
- 35 hours chemistry:
  - 32 hours required: CH1114, 1214, 2113, 2121, 2213, 2221, 3114, 3214, 4113, 4121, 4213, 4221.
  - 3 hours minimum advanced chemistry chosen from: CH4114, 4413, or 4613.
- 1 hour science seminar: GS4711.
- 3 hours technical writing: EN3493.

#### B.S. Degree in Engineering Physics 77 hours, no minor required

##### Degree requirements:

- 18 hours mathematics:
  - 15 hours required: MA2114, 2214, 2314, 3013.
  - 3 hours chosen from: MA3513, or 3613.
- 19 hours physics: PH2115, 2215, 3313, 3513, 4313.
- 4 hours chemistry: CH1114.
- 19 hours engineering science: ES1112, 1222, 2212, 2414, 2513, 2532, and 2614 or 2714.
- 3 hours electrical engineering: EL3613.
- 2 hours mechanical engineering: ME3122.
- 12 hours electives selected from upper division science or engineering courses.

#### B.S. Degree in Medical Technology 68 hours, no minor required

The major consists of three years of university work plus 12 months of clinical training in a hospital laboratory school of medical technology accredited by the National Accrediting Agency for Clinical Laboratory Sciences. Oklahoma Christian has affiliation agreements with a number of such schools. Acceptance into the clinical program will be determined by the affiliated hospital.

##### Degree requirements:

Complete 96 hours at Oklahoma Christian as follows:

- Meet all general education requirements.
- 38 hours science courses:
  - 16 hours chemistry: CH1114, 1214, 2113, 2121, 3114.
  - 16 hours biology: BI3224, 3414, 3424, 4114.
  - 3 hours algebra and trigonometry: MA1214.
  - 3 hours computer science: CS1113, IS2113 or a higher level computer science course.
- 30 hours clinical training: MT4117, 4125, 4236, 4246, 4325, 4351.

Note: Transfer students must complete at least 30 hours (two trimesters) at OC in order to be eligible to enroll in the clinical training courses.

#### B.S.E. Degree in Science 47 hours

##### Degree requirements:

- General requirements for the B.S.E. degree must be met (see page 80).
- The requirements for a minor in professional education must be met (see page 81).
- A minimum of 47 hours specialization in science:
  - A minimum of 13 hours biology including BI2214.
  - A minimum of 10 hours of chemistry; CH1114, 1214, 2113 are suggested.
  - A minimum of 8 hours physics: PH1114, 1214 suggested.

Continued ↓

- D. A minimum of 3 hours earth science: GS2213.
- E. One hour science seminar: GS4711.
- F. A minimum of 3 hours statistics: MA2913 or higher.
- G. A minimum of 3 hours computer science: CS1113, IS2113 or a higher level computer science course.
- H. An additional 6 hours must be chosen from categories A through D above.

### PRE-MEDICAL PROGRAMS:

#### Medical Doctor, Dentist, Osteopath, Podiatrist:

Students with the professional goal of becoming a medical doctor, dentist, osteopath or podiatrist will ordinarily pursue a B.S. degree program in either biology, biochemistry or chemistry. These degrees are described earlier in this section. Since requirements at different medical and dental schools vary somewhat, students should decide at which schools they plan to seek admission and work closely with their academic advisor to make certain that all entrance requirements are met. For additional guidelines, see Handbook for Pre-Medical Students.

#### Nursing:

Students who desire to pursue a B.S. degree program in nursing may take two years of course work on the Oklahoma Christian campus and then complete their junior and senior years at one of several transfer institutions. Students choosing to attend the junior and senior years at nearby Central State University or the University of Oklahoma Health Sciences Center in Oklahoma City may continue living on the OC campus and participate in the social and spiritual activities here. Admission to the professional part of the nursing program is under the control of the transfer institutions. However, it should also be noted that the acceptance rate for OC students has always been high.

Students transferring to OC to major in nursing after spending one or two years at another university need to be aware that they may have to spend a year meeting the prerequisites for admission to the junior year of a nursing program. As mentioned, admission to the professional program is controlled by the school of nursing selected.

#### Other Medically Related Programs:

Similar two to four year programs at Oklahoma Christian are available to meet the requirements for admission to schools offering health career programs such as: cytotechnology, dental hygiene, optometry, pharmacy, physical therapy, veterinary medicine and others. Students should work closely with their academic advisor in designing their program to meet the entrance requirements of the profes-

sional school they desire to attend.

## DEPARTMENT OF ENGINEERING::

### OC ENGINEERING ACCEPTANCE AND GRADUATION GRADE REQUIREMENTS:

Any student enrolling in classes at Oklahoma Christian may declare Electrical Engineering, Mechanical Engineering, Engineering Physics, or Other Engineering as their major. They may then take 1000 and 2000 level mathematics, science, engineering science and general education courses in a particular engineering degree program.

After completing at least 45 hours of course work—or during the trimester in which their total number of hours exceeds 45—and before enrolling in any upper division engineering courses, the student must apply for acceptance into the engineering program. During the trimester in which their total number of hours exceeds 45 and their application for acceptance into the engineering program is being considered, students are permitted to pre-enroll in upper division engineering courses pending availability of final grades for that trimester.

A student must be in good standing with the University at the time he or she applies for acceptance into the engineering program. If the student is on probation or if there is pending disciplinary action by the University, the application will be rejected. Each student's application will be evaluated by the Engineering Acceptance Committee which is composed of three engineering faculty members. Minimum requirements for acceptance into the engineering program are:

1. Every course specifically listed as a prerequisite for upper division mathematics, physical science, computer science and engineering courses in the proposed major must be completed with minimum grade of C. If there is a prerequisite course which prevents the student from satisfying this requirement because that course is not offered every trimester, the student may request an exception to this requirement for that course.
2. An overall grade point average of not less than 2.0 at the time the application for acceptance is submitted.
3. Letters of recommendation by the associate dean or dean of student services and any professor in the selected major.

If the student is not accepted into the engineering program, the Engineering Acceptance Committee will outline a plan of remediation for the student to complete under the guidance of his or her faculty advisor. After the student has successfully completed the remediation plan, he or she will be accepted into the engineering program and be allowed to enroll in upper division engineering courses.

Continued ↓

# SCIENCE & ENGINEERING

## Degree & Minor Requirements

Once the student is accepted into the engineering program, he or she must complete each upper division course that is a prerequisite for other courses in the degree plan with at least a C grade and maintain at least a 2.4 in all upper division engineering and computer science courses in order to remain in good standing and to satisfy graduation requirements.

Transfer credits with grades less than C, in the following subject areas, will not count toward graduation in any engineering degree program: the physical sciences, mathematics, computer science, engineering science and engineering.

Introduction to Engineering, ES1111, is required to be taken by all incoming freshmen and transfer engineering students with less than 32 hours of transfer credit (regardless of the number of hours attained) during their first fall term at Oklahoma Christian. Transfer students with 32 or more hours of transfer credit are not required to take it.

### B.S. Degree in Electrical Engineering 101-102 hours, no minor required

Oklahoma Christian offers one degree in electrical engineering: Bachelor of Science in Electrical Engineering. However, due to the breadth of design opportunities available, students may select one of four elective paths. These elective paths provide additional depth in either communications, computers, controls or electronics. The combination of the program core courses and the elective path courses listed below give each student breadth in all these areas of electrical engineering regardless of the specific elective path chosen. The elective paths are described under item B below.

Degree requirements:

- A. Core courses (85-89 hours):
  1. 3 hours technical writing: EN3493.
  2. 3 hours business: EC2313.
  3. 18 hours mathematics:
    - a. 15 hours required: MA2114, 2214, 2314, 3013.
    - b. 3 hours elective math courses chosen from: MA3223, 3513, 3613, 4113, or 431 (MA3513, Linear Algebra or MA4113, Probability and Statistics is recommended.)
  4. 17 hours science courses:
    - a. 14 hours required: CH1114, PH2115, 2215.
    - b. 3 hours elective science courses chosen from: PH3313, 3413, 3513.

5. 17 hours engineering science:
    - a. ES1222. (Note: Those choosing the computers path must complete CS1113 and 1123 as prerequisites to the upper level computer science courses. These courses may be substituted for ES1222.)
    - b. ES1112, 2212, 2414, 2513, 2614.
  6. 3 hours computer science: CS2413.
  7. 24 hours electrical engineering: EL3214, 3314, 3413, 3514, 4214, 4713, 4722.
  8. ES1111, Introduction to Engineering, must be taken by all incoming freshmen and transfer engineering students with less than 32 hours of transfer credit. See OC Engineering Acceptance statement above.
- B. Elective paths (12-17 hours):
1. Communications (16-17 hours):
    - a. 13 hours electrical engineering required: EL3613, 4113, 4124, 4133.
    - b. 3-4 hours electives chosen from: EL4314 or 4413.
  2. Computers (12 hours):
    - a. 3 hours electrical engineering required: EL4233.
    - b. 6 hours computer science required: CS3113, 3233.
    - c. 3 hours electives: CS4223 or 4413.
  3. Controls (17 hours):
    - a. 13 hours required: EL3613, 4113, 4413, 4424.
    - b. 4 hours electives: EL4124 or 4314.
  4. Electronics (16-17 hours):
    - a. 13 hours required: EL3613, 4113, 4314, 4333.
    - b. 3-4 hours electives: EL4124 or 4413.

### B.S. Degree in Mechanical Engineering 100 hours, no minor required

Degree requirements:

1. 3 hours technical writing: EN3493.
2. 3 hours business: EC2313.
3. 18 hours mathematics:
  - A. 15 hours required: MA2114, 2214, 2314, 3013.
  - B. 3 hours elective math courses chosen from: MA3223, 3513, 3613, 4113, or 4313. (MA3513, Linear Algebra, or MA3613, Numerical Analysis, is recommended.)
4. 17 hours science courses:
  - A. 14 hours required: CH1114, PH2115, 2215.
  - B. 3 hours elective science courses chosen from: PH3313, 3413, 3513.
5. 19 hours engineering science: ES1112, 1222, 2212, 2414, 2513, 2532, 2714.
6. 34 hours mechanical engineering: ME3122, 3413, 3423, 3533, 3613, 3713, 4123, 4213, 4433, 4513, 4713, 4722.

Continued ↓

7. 6 hours technical electives chosen from: ME4233, 4613, 4313, 4533. (Note: Certain upper division courses may be substituted for the ME electives with the consent of the instructor and the student's advisor.)
8. ES1111, Introduction to Engineering, must be taken by all incoming freshmen and transfer engineering students with less than 32 hours of transfer credit. See OC Engineering Acceptance statement above.

## DEPARTMENT OF MATHEMATICS/ COMPUTER SCIENCE:

### B.S. Degree in Computer Science 56 hours

Degree requirements:

1. 32 hours computer science courses:
  - A. 6 hours foundation courses: CS1113 and 1123.
  - B. 4 hours programming language courses chosen from: CS2212, 2222, 2232, 2242.
  - C. 22 hours other required computer science courses: CS2413, 2423, 2443, 3233, 3243, 4413, 4513, 4811.
2. 9 hours minimum mathematics courses:
  - A. 3-4 hours calculus: MA2113 or 2114.
  - B. 6 hours other: MA1623 and 2913.
3. 12 hours elective courses chosen from: CS3113, 3423, 3513, 3613, 4223, 4323, 4613, 4713, 4723, 4813, IS4213.
4. 3 hours technical writing: EN3493.

### B.S. Degree in Mathematics 42 hours

Degree requirements:

1. 12 hours calculus: MA2114, 2214, 2314.
2. 24 hours upper division mathematics courses.
3. 6 hours other math courses numbered 1214 or higher.

### B.S.E. Degree in Mathematics 42 hours

Degree requirements:

1. A minimum of 42 hours as follows:
  - A. 31 hours required: MA1214, 2013, 2114, 2214, 2314, 2913, 3313, 3813; CS1113.
  - B. 3 hours additional computer science.
  - C. 6 hours upper level math not used above.
  - D. 2 hours other math, physics, or computer science not used above.
2. The general requirements for the B.S.E. degree must be met, including a minor in professional education. (See page 81.) A second minor is strongly recommended for a second teaching field.

### B.S. Degree in Mathematics/Computer Science 63 hours, no minor required

Degree requirements:

1. 36 hours mathematics:
  - A. 15 hours calculus and statistics: MA2114, 2214, 2314, 2913.
  - B. 21 hours upper division math:
    - 1) 9 hours required: MA3013, 3513, 4113.
    - 2) 12 hours elective upper division courses including two of the following: MA3113, 3313, 3413, 3813.
2. 27 hours computer science:
  - A. 18 hours required: CS1113, 1123, 2413, 2423, 2443, 3233.
  - B. 6 hours upper division courses.
  - C. 3 hours selected from any computer science courses not used above

### Biology Minor\*

18 hours of biology are required.

### Chemistry Minor\*

18 hours of chemistry are required.

### Computer Science Minor\*

20 semester hours of which 17 hours are required: CS1113, 1123, 2413, 2423, 2443, and 2 hours chosen from: CS2212, 2222, 2232, or 2242. The remaining 3 hours may be chosen from any other course in the computer science department (CS).

### Mathematics Minor\*

18 hours of mathematics including at least six hours numbered 3000 or above.

### Physical Science Minor\*

18 hours of any combination of chemistry, computer science, engineering science, general science, mathematics, (MA1214 or higher), and physics.

### Physics Minor\*

18 hours of physics courses numbered above 2000.

\*A teaching minor for B.S.E. candidates requires a minimum of 24 hours. See OC Teacher Certification Handbook for specific course requirements.

**DEPARTMENT  
OF  
NATURAL SCIENCES**

**BIOLOGICAL SCIENCES:**

**BIOLOGY (BI):**

**1114 General Biology**

The general principles of plant and animal biology. Lecture, 3 hours; laboratory, 2 hours. Fee.

**1121 Biology Laboratory**

Laboratory experiences surveying the plant and animal kingdoms with emphasis on morphology, life cycles, physiology and cell biology. Laboratory, 2 hours. Fee.

**2114 Cellular Biology**

An introductory course in cell biology including a study of water as a biological solvent, biomolecules (carbohydrates, lipids, proteins, vitamins, enzymes and nucleic acids), microscopy, cell structure, the cell cycle and mitosis, protein synthesis, and elementary genetics. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: high school chemistry and biology. Fee.

**2214 Human Anatomy and Physiology**

An introduction to the structure and function of the various systems of the human body. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: 4 hours biology. Fee.

**3224 Human Physiology**

A study of the human organism. Emphasis will be given to the regulatory mechanisms and coordination of the neuromuscular system, cardiovascular system, excretory system, digestive system, respiratory system, endocrine system and reproductive system. Laboratory experience will include use of the physiograph, spirometry and CPR training. Lecture, 3 hours; laboratory, 3 hours. Prerequisites: BI2114, 2214 and CH1114. Fee.

**3313 Genetics**

Principles of heredity and variation. Emphasis on problem - solving, molecular structures, human aberrations, and current genetic research. Prerequisite: 4 hours biological science.

**3324 General Ecology**

General principles of biotic and abiotic interrelationships. Field work will emphasize local ecosystems and pollution factors. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: 4 hours of biology. Fee.

**3414 General Microbiology**

A study of the structure and function of viruses, rickettsia, bacteria, fungi, protozoans, flatworms and roundworms. Special emphasis will be on the isolation, culturing, staining, control and pathogenesis of the organisms. The genetics, host parasite relations and the immune response will also be stressed. Lecture, 3 hours; laboratory, 4 hours. Prerequisite: BI2114. Fee.

**3424 Advanced Microbiology and Immunology**

Principles of the molecular structure and metabolic patterns will be studied. The nature of the inflammatory response and immune reactions to various microorganisms will be stressed. The life cycles of each group of microorganisms as well as diagnosis, treatment and prevention of the diseases they cause will be covered. Lecture, 3 hours; laboratory, 4 hours. Prerequisite: BI3414. Fee \$22.

**4114 Biochemistry I**

A study of the physical and chemical properties of water, carbohydrates, lipids, proteins, vitamins and enzymes and an introduction to intermediary metabolism. Lecture 3 hours; laboratory, 3 hours. Prerequisites: CH2113 and 2121. (Same as CH4114.)

**4123 Biochemistry II**

A detailed study of intermediary metabolism, chemistry and action of hormones and molecular biology. Prerequisite: BI4114.

**4814 Field Medicine Practicum**

The student will assist a physician at a medical missions clinic as part of his/her enrollment in the program of International Studies. Admission: Satisfactory standing in pre-medical studies; selection by the natural science department faculty in cooperation with the International Studies Committee.

**4900 Independent Study in Biology**

Assigned research, readings and reports based on the needs of the individual student. May be taken only by junior or senior science majors with approval of divisional chairman (1-3 hours.)

**BOTANY (BO):**

**1114 The Flowering Plant**

The structure and life processes of seed-bearing plants, and an introduction to the plant kingdom. Lecture, 3 hours; laboratory, 3 hours. Fee.

**1214 The Plant Kingdom**

A study of the morphology and life cycles of representatives of the various phyla of the plant kingdom. Lecture, 3 hours; laboratory, 3 hours. Fee.

**3314 Plant Taxonomy**

The classification of vascular plants with emphasis on the Oklahoma flora. Lecture, 3 hours; laboratory, 3 hours. Fee.

**MEDICAL TECHNOLOGY (MT):**

Prerequisite for all medical technology courses: admission to clinical training.

**4117 Clinical Microbiology**

The theory and laboratory study of pathogenic bacteria, viruses, rickettsiae, fungi and parasites. Included: isolation, identification, antimicrobial susceptibility testing and medical significance.

**4125 Clinical Chemistry I**

The theory and laboratory methodology of analytical biochemistry, clinical microscopy, routine and special procedures and medical significance.

**4236 Clinical Hematology**

Systemized study of disease, cell maturation and function, principles of hemostasis; methodology used in routine and special hematology studies; and correlation of hematological findings with physiological conditions.

**4246 Clinical Immunology**

The theory of immunologic responses and procedures used in serological determinations; the study of immunohematology, fundamentals of antigen-antibody reactions, blood groups and types, compatibility testing, blood components and the laboratory methods used as they relate to the medical significance of immunohematology, immunology and infectious diseases.

**4325 Clinical Chemistry II**

The theory and laboratory methodology of analytical biochemistry, instrumentation, laboratory mathematics, routine and special procedures and medical significance.

**4351 Topics in Medical Technology**

Principles and practices of the medical laboratory including basic management, quality assurances, special education methodology, computer applications, laboratory safety, and special projects in selected areas.

**ZOOLOGY (ZO):**

**2114 General Zoology**

A study of the dynamics of animals with emphasis on structure, function, heredity, ecology and behavior with a survey of various invertebrate and vertebrate phyla. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: BI2114. Fee.

**3214 Vertebrate Zoology**

A study of vertebrate taxonomy, ethology, life histories, distribution and ecology. Laboratory and fieldwork emphasizing collection and identification of specimens. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: 4 hours biology. Fee.

**3224 Invertebrate Zoology and Parasitology**

A study of taxonomy, morphology, behavior and life cycles of invertebrate groups. Special emphasis on parasite-host relationships and insect diversity. Laboratory and field work emphasizing dissection, collection and identification of representative invertebrates. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: 4 hours biology. Fee.

**PHYSICAL SCIENCES:**

**AIR SCIENCE (AS):**

**1113 Principles of Flight**

The course as specified by FAA 141.47 includes a study of Federal Aeronautics regulations, meteorology, navigation, methods, navigation

Continued ↓

instruments, flight computer, flight plans, proper use of published aids including flight information manual and Airmen's Guide, radio aids to flight, proper use of radio including voice phraseology and procedures, principles of flight aerodynamics, care of aircraft and engines (inspections and maintenance), flight safety including icing and turbulent air, aircraft weight and balance. Fee.

#### 1213 Flight Training

Eighteen hours of dual flight instruction in appropriate training aircraft with FAA certified flight instructor, and twenty-two hours of solo flight in training aircraft including cross-country flight and practice of specified maneuvers. Fee.

### CHEMISTRY (CH):

#### 1114 General Chemistry I

A study of atomic theory, bonding, periodicity, and quantitative relationships in chemical and physical processes. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: high school chemistry or C or above in GS1103; must pass, with minimum grade of 80%, an exam on laboratory safety. Fee, plus breakage.

#### 1214 General Chemistry II

A study of the liquid and solid states, solubility and acid-base equilibria, thermodynamics, kinetics, oxidation-reduction, electrochemical cells and complex ions. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: CH1114. Fee, plus breakage.

#### 2113 Organic Chemistry I

An introduction to the theory of organic reactions, stressing reaction mechanisms, surveying the reactions and preparation of various types of organic compounds. Prerequisite: CH1214.

#### 2121 Organic Chemistry Lab I

A project oriented approach using student designed synthesis schemes. The use of the chemical literature, the lab notebook, laboratory management and elementary laboratory operations are emphasized. Laboratory, 3 hours. Corequisite: CH2113. Fee, plus breakage.

#### 2213 Organic Chemistry II

A continuation of the study of organic reactions. Prerequisite: CH2113.

#### 2221 Organic Chemistry Lab II

A continuation of CH2121, with the addition of interpretation of infrared spectra. Laboratory, 3 hours. Prerequisite: CH2121; Corequisite: CH2213. Fee, plus breakage.

#### 3114 Analytical Chemistry I

Spectroscopy and elementary quantitative analysis. Attention is given to topics of uv-visible, atomic absorption, infrared, and fluorescence spectroscopy and nmr and mass spectrometry. Acid-base, compleximetric, redox, and precipitation titrations, and gravimetric methods are also included. Experiments emphasize theory and technique. Pre-requisite: CH1214. Lecture 2 hours; laboratory, 6 hours. Fee, plus breakage.

#### 3214 Analytical Chemistry II

Instrumental and separation methods including electrochemistry, chromatography and chemical statistics. Lecture, 2 hours; laboratory, 6 hours. Fee, plus breakage. Prerequisite: CH3114.

#### 4113 Physical Chemistry I

Classical thermodynamics and survey of statistical mechanics. Prerequisites: PH2215, CH2213.

#### 4114 Biochemistry I

A study of the physical and chemical properties of water, carbohydrates, lipids, proteins, vitamins and enzymes and an introduction to intermediary metabolism. Lecture, 3 hours; laboratory, 3 hours. Prerequisites: CH2113 and 2121. Fee.

#### 4121 Physical Chemistry Experiments I

Laboratory exercises to accompany CH4113, which is a corequisite. Laboratory, 3 hours. Fee, plus breakage.

#### 4123 Biochemistry II

A detailed study of intermediary metabolism, chemistry and action of hormones and molecular biology. Prerequisite: BI4114. (Same as BI4123.)

#### 4213 Physical Chemistry II

Kinetic theory, chemical kinetics and electrochemistry. Prerequisite: CH4413.

#### 4221 Physical Chemistry Experiments II

A continuation of CH4121 which is a prerequisite. Laboratory, 3 hours. Fee, plus breakage.

#### 4413 Advanced Inorganic Chemistry

Study of characteristic reactions and compounds of the periodic groups, spectroscopy and crystal structure. Prerequisites: CH2213, PH3313.

#### 4613 Research Methods

A laboratory-literature approach to advanced topics and methods in chemistry. Work will involve laboratory experiences beyond those available in other courses, methods development of additional labs and study relevant to the lab topics. Prerequisite: Permission of instructor.

#### 4900 Independent Study in Chemistry

Assigned readings, reports or laboratory investigations based on the needs and interests of the individual student. Must be administered by a chemistry professor and may be taken only with the approval of both the chairman of the science division and the faculty member directing the study. (1-3 hours.)

### GENERAL SCIENCE (GS):

#### 1103 Preparation for College Chemistry

A study of math and logic skills required to understand and master scientific principles. An introductory unit in chemistry is also included. Does not meet the general education physical science requirement.

## SCIENCE & ENGINEERING

### Courses

#### 1113 General Physical Science

A survey course including basic physics, chemistry, astronomy, geology, meteorology and the philosophy of science. Prerequisite: MA1133

#### 1213 Technology and Society

An introductory course to the relationship of technology and society in America today. It will examine problems created by technology, and discuss solutions to these problems, both technical and non-technical in nature. Intended for non-science majors who wish to examine how technology influences the lives of everyone and who are interested in making intelligent decisions relating to complex technological issues. Technological topics of current interest will be examined, and could possibly include energy, environment, space colonization and exploration, water resources, nuclear science, conservation of mineral resources, computerization and telecommunications.

#### 2113 Introduction to Astronomy

A course in fundamental concepts of astronomy, giving historical perspective as well as current interpretations of celestial phenomena. Provides an overview of the earth, the solar system, the milky way galaxy and the universe.

#### 2213 Earth Science

An introduction to the process of land form development and the interaction of the hydrosphere and lithosphere. (Same as GY2313.)

#### 3711 Seminar

A seminar course requiring participation in sessions where students enrolled in GS4711 will be presenting papers.

#### 4711 Seminar

A seminar course to be enrolled in by juniors or seniors in certain degree programs, requiring written and oral presentation of a paper from their major area.

### PHYSICS (PH):

#### 1114 General Physics I

A study of mechanics, heat and wave motion. Lecture, 3 hours; laboratory, 3 hours. Fee.

#### 1214 General Physics II

A study of electricity, magnetism and optics. Lecture, 3 hours; laboratory, 3 hours. Prerequisite: PH1114. Fee.

#### 2115 Physics I

A calculus level treatment of the topics of mechanics, heat and wave motion. Lecture, 4 hours; laboratory, 3 hours. Prerequisite: MA2114. Fee.

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DEPARTMENT  
OF  
NATURAL SCIENCES  
Continued

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**2215 Physics II**

A continuation of PH2115, covering the topics of electricity, magnetism and optics. Lecture, 4 hours; laboratory, 3 hours. Prerequisite: PH2115. Fee.

**3313 Modern Physics**

An introduction to the concepts of modern physics, including special relativity, Schrodinger equation, and particle physics. Application of these ideas to chemical, physical and nuclear systems is included. Prerequisite: PH2215.

**3413 Solid State Physics**

Discussion of structure, specific heat, dielectric properties, lattice vibrations, free electron theory, band structure and superconductivity of solids. Prerequisites: PH2215 and MA3013.

**3513 Optics**

The geometrical laws of reflection, refraction, mirrors, lenses and optical instruments. Also, the physical optics effects of interference, diffraction and polarization. Prerequisite: PH2215.

**4313 Quantum Physics**

A thorough study of quantum mechanics and concepts as applied to a variety of physical systems. Prerequisite: PH3313 and MA3013.

**4900 Independent Study in Physics**

Assigned research, readings, and reports based on the needs of the individual student. May be taken only with the permission of the faculty member involved and of the divisional chairman. See departmental guidelines for further information.

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DEPARTMENT  
OF  
ENGINEERING

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**ENGINEERING SCIENCE  
(ES):**

**1111 Introduction to Engineering**

Introduction to various fields of the engineering disciplines, engineering careers, and engineering ethics in a seminar setting. Seminar, 1 hour.

**1112 Engineering Graphics and Design**

Technical communications: drawings, oral, written, graphs. Three two-hour labs. Fee.

**1222 FORTRAN for Engineers**

An introduction to the FORTRAN programming language and the UNIX operating system. Applications covered are related to the field of engineering areas. Prerequisite: MA1214 or consent of instructor. Fee.

**2212 Measurement Systems and Statistics**

Introduction to measurement sensors, transducers and instrumentation; experimental data error analysis including application of statistics. Prerequisite: ES1112, PH2115. Lecture, 1 hour; laboratory, 3 hours. Fee.

**2414 Thermal Science**

An introductory study of thermodynamics, fluid mechanics and heat transfer. Thermodynamic and transport properties, use of system and control volume concepts in analysis, first and second law, power and refrigeration cycles, fluid statics, steady flow of fluids in conduits and over simple geometries, conduction, convection and radiation heat transfer. Prerequisite: MA2214, PH2115.

**2422 Fluids and Heat Transfer**

Intended for transfer students who have completed a first course in thermodynamics. Fluid statics, steady flow of fluids in conduits and over simple geometries, conduction, convection and radiation heat transfer. Lecture, 2 hours. Prerequisites: an introductory course in thermodynamics.

**2513 Statics**

A study of the forces and moments acting on rigid bodies and structures at rest. Includes trusses, beams, dams, levers, etc. Discussion of fundamental techniques of solution, including computer solution of various problems. Prerequisites: ES1112; ES1222 or CS1113; MA2214; PH2115.

**2532 Strength of Materials**

A study of the modes of failure (deformation) of various components or objects made from common materials. Calculation of forces or moments necessary to produce failure and experimental comparisons. Design of simple items to optimize strength, weight, cost, etc. Prerequisite: ES2513.

**2614 Electrical Circuit Analysis**

Designed for electrical engineering majors and engineering physics majors taking additional electrical engineering courses. Basic elements of electrical engineering: AC and DC circuit methods, network equations, steady-state response, frequency response, energy, power. Prerequisite: ES2212, PH2215. Lecture, 3 hours; laboratory, 3 hours. Fee.

**2714 Circuits and Instrumentation**

Designed for mechanical engineering majors and engineering physics majors taking additional mechanical engineering courses. Basic AC and DC circuits, energy, power, basic analog and digital electronic circuits, instrumentation. Prerequisites: ES2212, PH2215. Lecture, 3 hours; laboratory, 3 hours. Fee.

**ELECTRICAL ENGINEERING  
(EL):**

**3214 Network Analysis and Design**

Frequency domain analysis using Fourier Series, Fourier transforms and Laplace transforms. Discrete analysis and design using Z transforms. Prerequisite: ES2513, 2614; MA3013. Lecture 3 hours; laboratory, 3 hours. Fee.

**3314 Introduction to Electronics Analysis and Design**

Solid-state, discrete-component electronics, operational amplifiers, diodes, bipolar and field effect transistors with applications. Prerequisite: EL3214, 3514. Lecture, 2 hours; laboratory, 6 hours. Fee.

**3413 Design and Analysis of Continuous-Time Control Systems**

Introduction to continuous-time feedback control systems modelling, analysis and design. State models, time and frequency domain, root locus. Prerequisite: EL3214. Fee.

**3514 Digital Systems Design**

Introduction to digital design. Topics include Boolean algebra, minimization, combinational logic circuits, state machine synthesis using RS, T, D and JK flip-flops, plus design realization using various levels of IC technology. Prerequisite: ES2614. Lecture 3 hours; laboratory, 3 hours. Fee.

**3613 Electromagnetic Fields**

Application of Maxwell's equations; transmission line theory and applications; antennas. Prerequisites: ES2614, MA2314, 3013 and PH2215. Fee.

**4113 Communications Systems Design**

An introduction to communications systems design. Capacity analysis, performance criteria, network design, modulation systems, link analysis, comparative analysis of signals and systems. Prerequisites: EL3214 and 3514.

**4124 Stochastic Processes and Communications Design and Analysis**

Stochastic processes and random variables, correlation. Behavior of analog and digital systems in the presence of noise. Introduction to optimal signal detection. Design of analog and digital systems. Prerequisite: EL4113. Lecture 3 hours; laboratory, 3 hours. Fee.

**4133 Digital Communications Systems Design and Analysis**

Introduction to digital and data communications and network design. Baseband formatting and transmission, digital M-ary modulation techniques, matched filters, and optimum receiver implementation. Block, cyclic and convolution codes. Communications systems design optimization. Prerequisite: EL4124, or take concurrently. Fee.

**4214 Microprocessor Systems Design**

Fundamentals of microprocessors including the CPU, memory, input/output, interfacing techniques, and assembly/machine language programming. A major design project using microprocessors provides a focused laboratory experience. Prerequisites: EL3214, 3514. Lecture, 3 hours; laboratory, 3 hours. Fee.

**4233 Computer Systems Design**

Computer evolution, design methodology, register and processor-level design, CPU organization, RISC vs. CISC, high-speed arithmetic, bit slicing, control unit design, microprogramming, caches, parallel and pipelined processors. Prerequisite: EL4214. Lecture, 3 hours. Fee.

**4314 Analog and Digital Circuit Design**  
Differential and multistage amplifiers, frequency response, feedback amplifiers, analog and digital integrated circuits, filters, and tuned amplifiers. Design applications. Prerequisite: EL3314. Lecture 3 hours, laboratory, 3 hours. Fee.

**4333 Advanced Electronic Topics**  
Advanced analog and digital electronics topics. Oscillators, mixers, phase-locked loops. Discrete time signal processing with design applications: digital filters, audio, television. Prerequisite: EL4314. Fee.

**4413 Design and Analysis of Discrete-Time Control Systems**  
Discrete-time feedback control systems, modelling, analysis and design. Transform methods, state models, time and frequency domain, root locus. Prerequisite: EL3413 or ME3533. Fee.

**4424 Design and Application of Computer Control Systems**  
Applications of computers in instrumentation and control; fundamentals of algorithm programming for signal analysis and digital control. Prerequisite: EL4413, or take concurrently with instructor's consent. Lecture, 3 hours, laboratory, 3 hours. Fee.

**4713 Systems Design I**  
Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. Prerequisite: senior standing and consent of instructor. Lecture 1 hour; laboratory, 6 hours. Fee.

**4722 Systems Design II**  
Continuation of 4713. Laboratory, 6 hours. Fee.

## MECHANICAL ENGINEERING (ME):

**3122 Dynamics**  
A study of force action related to displacement, velocity and acceleration of particles and rigid bodies in the plane. Kinematics of plane motion, kinetics of translation and rotation. Work and energy, impulse and momentum principles. Prerequisites: ES2513, MA3013.

**3413 Thermodynamics**  
A brief review of basic thermodynamics including a deeper look at the significance of the second law. Chemical reactions and equilibrium. Compressible flow. Applications in the analysis and design of power and refrigeration cycles. Prerequisites: ES2414, MA3013.

**3423 Heat Transfer**  
Analysis, design and laboratory exercises involving the application of conduction, convection, and radiation heat transfer principles. Prerequisite: ES2414, MA3013. Lecture, 2 hours; laboratory, 3 hours. Fee.

**3533 Dynamic Systems and Controls**  
Mathematical modeling for dynamic response of electrical and mechanical, fluid and thermal systems. Introduction to control systems.

System response characteristics are investigated by use of state variable theory, time domain and frequency response analysis, root locus and Nyquist stability criteria. Design of mechanical engineering control systems. Prerequisites: ES2614, ME3122. Fee.

**3613 Materials and Processes I**  
Introduction to engineering materials and manufacturing processes with emphasis on understanding properties of materials such as metals, polymers, ceramics, and composites. Optimizing material selection is stressed. Product design for optimum manufacturability and quality control. Manufacturing processes such as casting, forming, cutting, and joining. Computer integrated manufacturing and process engineering are also included. Prerequisites: CH1114, ES2532. Lecture, 2 hours; lab 3 hours. Fee.

**3713 Materials and Processes II**  
Continuation of ME3613. Prerequisite: ME3613. Lecture, 2 hours; laboratory, 3 hours. Fee.

**4123 Machine Dynamics**  
A study of kinematics and dynamics of machines and machine parts. Analysis of the kinematics of planar linkages, and dynamics of cam mechanisms, gear trains, governors, flywheels, and gyroscopes. Prerequisites: MA3013, ME3122. Fee.

**4213 Machine Design**  
Analysis of machine components; lubrication; fatigue failure, safety and reliability. Prerequisite or corequisite: ME4123. Fee.

**4233 Heating, Ventilating and Air Conditioning**  
An introduction to analysis and design methods used in HVAC equipment and systems. Emphasis on comfort, safety, economy and energy conservation in load calculations, room air distribution, piping and duct design and equipment selection. Prerequisite: ES2414. Fee.

**4433 Fluid Dynamics**  
A study of fluids both at rest and in motion. Analysis and design using optimization principles, Archimedes principle, and conservation of mass, momentum and energy. Introduction to aerodynamics. Prerequisite: ES2414. Lecture, 2 hours; laboratory, 3 hours. Fee.

**4513 Mechanics of Deformable Bodies**  
Stress, strain and torsion analysis; deflections of statically indeterminate structural systems and failure analysis; design criteria. Three-dimensional and unsymmetric stress analysis; finite element methods; buckling. Prerequisite: ES2532, MA3013. Fee.

**4613 Composite Engineering Materials**  
The design and application of composite materials for engineering uses. Broad introduction to the fields of composites with emphasis on fiber-reinforced composites. Prerequisite: ME3613.

**4313 Aerodynamic Design**  
An introduction to the design of two- and three-dimensional aerodynamic surfaces including symmetrical and cambered airfoils and high lift

## SCIENCE & ENGINEERING

### Courses

devices. Theoretical analysis will be performed using elementary potential theory and computer analysis. Prerequisite: ES2414, MA3013. Fee.

**4533 Vibration Theory and Application**  
Free and forced vibrations of multiple degree of freedom mechanical and structural systems with various types of damping. Theory of vibration isolation, design of vibration absorbers, harmonic and nonharmonic disturbances; shock spectrums. Theory of vibration measuring instruments. Introduction to dynamic finite element methods. Prerequisites: MA3013, ME3122. Fee.

**4713 Systems Design I**  
Applications of research and design relating to real world or industry problems; interaction with other fields of engineering and science. Prerequisite: senior standing and consent of instructor. Lecture 1 hour; laboratory, 6 hours. Fee.

**4722 Systems Design II**  
Continuation of 4713. Laboratory, 6 hours. Fee.

## DEPARTMENT OF MATHEMATICS & COMPUTER SCIENCE

### COMPUTER SCIENCE (CS):

**1113 Introduction to Programming I**  
An introduction to program development. Emphasis is placed on problem solving, algorithm development, and programming style. A modern, block structured language will be used to implement the topics studied. Fee.

**1123 Introduction to Programming II**  
This course will continue the development of discipline in program design, style, debugging, and testing. Applications will include group development of a large program. Topics covered will include string processing, recursion, internal searchsort methods and simple data structures. Algorithm Analysis will be introduced. Prerequisite: CS1113. Fee.

**2212 "C"**  
This course will introduce the syntax and semantics of the programming language, "C". Prerequisite: CS1123. Fee.

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**DEPARTMENT  
OF  
MATHEMATICS  
& COMPUTER SCIENCE  
Continued**

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**2222 LISP**

This course will introduce the syntax and semantics of the programming language, LISP. Prerequisite: CS1123. Fee.

**2232 PROLOG**

This course will introduce the syntax and semantics of the programming language, PROLOG. Prerequisite: CS1123. Fee.

**2242 FORTRAN**

This course will introduce the syntax and semantics of the programming language, FORTRAN. Prerequisite: CS1123. Fee.

**2413 Introduction to Assembly Language**

An introduction to assembly language programming. The topics covered will include binary and hexadecimal number systems, and assembly language programming techniques. Prerequisite: CS1123 and MA1623, or departmental permission. Fee.

**2423 Introduction to File Processing**

An introduction to concepts and techniques of structuring data on external storage devices. Both sequential and random access media will be covered. Topics will include traversing and balancing binary, B, and AVL trees, as well as techniques for implementing inverted lists, indexed sequential, and hierarchical structures. Prerequisite: CS1123. Fee.

**2443 Computer Organization**

An introduction to the organization and structuring of the major hardware components of computers. Emphasis will be placed upon the mechanics of information transfer and control within a digital system and the fundamentals of logic design. Prerequisite: CS2413.

**3113 Data Communication Systems**

A study of the concepts and terminology of data communications, network design, and distributed information systems. Transmission service and equipment characteristics, protocols, data communication software, and federal regulatory policy will be studied. Prerequisites: CS2443 or EL4214, and CS3233. Fee.

**3233 Data Structures and Algorithm Analysis**

This course will cover the characteristics of data structures and their implementation. The topics covered will include advanced lists, trees, hashing schemes and introductory algorithm analysis. Prerequisite: CS2423 or concurrent enrollment in EL4214. Fee.

**3243 Computers and Society**

This course will provide insight into the role of the computer in modern society and its impact upon the individual. Discussion will include legal issues, dangers posed by computers, public perception of computers and computer scientists and futurist's views of computing. Prerequisites: CS2413, 2423, and junior standing.

**3423 Introduction to Computer Graphics**

An introduction to the fundamental techniques of computer graphics. Topics will include two and three dimensional graphing, hidden-surface algorithms, animation, and applications of graphics. Prerequisite: CS2443 and 3233. Fee.

**3513 Introduction to Compilers**

An introduction to the design and implementation of compilers. The topics covered will include lexical analysis, formal language theory, parsing, code generation, error handling and code optimization. Prerequisites: CS2443, 3233. Fee.

**3613 Numerical Analysis**

An introduction to numerical methods. Topics will include error analysis, solutions of non-linear equations, zeros of polynomials, solutions of systems of linear equations, and the method of least squares. Prerequisites: MA2214, CS1123 and knowledge of FORTRAN. Fee.

**4223 Computer Simulation**

An introduction to the application of programming to the design and implementation of computer simulations. Topics covered will include simulation languages and the application of stochastic processes to simulation theory. Prerequisites: CS2443 or EL4214, and CS3233. Fee.

**4323 Database Processing**

An introduction to database systems. The topics covered will include the design and implementation of the major database models. Prerequisite: CS2443 and 3233. Fee.

**4413 Operating Systems**

This course will examine the major features of an operating system and its interaction with the hardware at the register level. The topics covered will include memory management, job scheduling, and multi-programming. Prerequisites: CS2443 or EL4214, and CS3233. Fee.

**4513 Programming Languages**

This course will provide an insight into the organization of programming languages. The topics covered will include data types, sequence control, data control and operating environment considerations. Several high level languages will be studied. Prerequisites: CS2443 and 3233. Fee.

**4613 Computer Architecture**

An introduction to the basic concepts of computer hardware design. The topics covered will include the control unit, arithmetic logic unit and memory. Prerequisites: CS2443 and 3233. Fee.

**4713 Artificial Intelligence**

An introduction to the study of artificial intelligence. The topics covered will include problem solving using state-space and problem reduction techniques, search methods, game playing, and predicate calculus. Prerequisite: CS2443 and 3233. Fee.

**4723 Expert Systems**

An introduction to the theory and application of computer expert systems. A working expert system will be written using an appropriate high level language. Prerequisite: CS4713.

**4811 Seminar in Computer Science**

This course is designed to tie together the varied elements of the computer science major. A written and oral presentation over a current topic in computer science will be required. Prerequisite: 35 hours of computer science.

**4813 Computer Science Practicum**

Actual work experience in a local computer installation to give the student the opportunity to apply computer science theory learned in the classroom. Prerequisite: 30 hours of computer science and instructor's consent.

**4900 Independent Study in Computer Science**

Assigned research, readings, and reports based on the need of the individual student. May be taken only with permission of the faculty member involved and of the divisional chairman. See department guidelines for further information.

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**MATHEMATICS (MA):**

**1103 Developmental Mathematics**

The purpose of this course is to prepare students for one of the three mathematics courses which satisfy the school's general education requirements: College Algebra and Trigonometry, Finite Mathematics, or Contemporary Mathematics. This course is modular in nature. A student whose mathematics background is weak in one or more areas will be required to complete only those modules focusing on those areas.

**1133 Contemporary Mathematics**

Designed to give the liberal arts student a comprehensive overview of the applications of mathematics in today's society. The course stresses a working knowledge of mathematical concepts spread through a variety of different fields and encourages students to discover on their own the mathematical concepts in their personal and professional lives. Prerequisite: MA1103 or a passing score on the mathematics entrance exam.

**1214 College Algebra and Trigonometry**

Review of basic algebraic operations, solving and graphing linear equations, and inequalities, logarithms and exponents, sequences and series, binomial theorem, permutations, combinations and probability, solving systems of equations with applications in linear programming, trigonometric functions, identities and trigonometric equations. Prerequisite: MA1103 or passing score on the mathematics entrance exam.

## SCIENCE & ENGINEERING

### Courses

#### 1413 Finite Mathematics

This course is designed to provide the mathematical background necessary for applications which do not involve the calculus of the infinite. The course will focus on the process of modeling applications using the following types of mathematical models: linear functions, linear programs, probability methods, game theory, Markov chains, and directed graphs. Prerequisite: MA1214 or the equivalent.

#### 1623 Introduction to Discrete Mathematics

An introduction to discrete mathematics. The topics covered will include sets and set relations, functions, proof techniques, logic, logic functions, and logic circuits, counting techniques, and graph theory. Prerequisite: MA1214 or the equivalent.

#### 1713 History of Mathematics

Historical development of mathematical systems, their properties, their meaning and their use. Prerequisite: MA1214 or high school algebra and geometry.

#### 2013 Math for Teachers

This course is designed for secondary mathematics teachers to provide background material for many courses that are taught in high school mathematics. The course also includes a survey of mathematical journals and sources of literature that promote quality teaching. In addition, each student presents a unit on a standard high school mathematics topic and designs a mathematical experiment to be used in the classroom. Prerequisite: MA1214, or permission of instructor.

#### 2113 Applied Calculus

Analytic geometry, limits, derivatives and integrals involving algebraic, exponential and logarithmic functions. Applications are primarily related to the areas of business and social sciences. Prerequisite: MA1214 or 1413.

#### 2114 Calculus I with Analytical Geometry

Differentiation and integration of algebraic and transcendental functions, applications and analytical geometry. Prerequisite: MA1214.

#### 2214 Calculus II with Analytical Geometry

Differentiations and integrations of the inverse trigonometric functions, logarithmic functions, and exponential functions. Formal integration techniques. Polar coordinates. Conic Sections. Sequences and Series. Prerequisite: MA2114.

#### 2314 Calculus III

The calculus of functions of several variables, partial differentiation, and multiple integrals. Vectors and vector functions. Prerequisite: MA2214.

#### 2913 Statistical Methods

Basic experimental statistics, basic probability distributions, methods of estimations, tests of significance, sampling techniques, inferences concerning population parameters, regression and correlation. Prerequisite: MA1214 or 1413.

#### 3013 Differential Equations

First order and simple higher-order differential equations, linear equations with constant coefficients, simultaneous differential equations, series solutions, applications. Prerequisite: MA2314.

#### 3113 Foundations of Mathematics

A study of the elements of algebraic structure with emphasis in the theory of numbers. Prerequisite: MA2214.

#### 3223 Advanced Discrete Mathematics

A second course in discrete mathematics. The topics covered will include set theory, advanced counting techniques, advanced graph theory, finite state machines, formal logic, groups and rings, analysis of algorithms, and recurrence algorithms and relations. Prerequisite: MA1623.

#### 3313 Modern Algebra I

Groups, rings and fields; an introduction to modern algebra. Prerequisite: MA2214.

#### 3413 Modern Algebra II

A continuation of Modern Algebra I, including vector spaces, polynomial rings and ideals. Prerequisite: MA3313.

#### 3513 Linear Algebra

Matrix theory, quadratic forms, determinants, linear transformations, systems of equations, eigenvalues and eigenvectors. Prerequisite: MA 2214.

#### 3613 Numerical Analysis

(Same as CS3613.)

#### 3813 Modern Geometry

Advanced Euclidean geometry, axiomatic geometries, non-Euclidean geometry and graph theory. Prerequisite: MA2214.

#### 4113 Probability and Statistics I

Simple probability models, random variables, distribution functions, discrete and continuous distributions. Prerequisite: MA2314.

#### 4213 Probability and Statistics II

Sampling, presentation of data, testing statistical hypotheses, estimating and testing variability, comparisons of populations. Prerequisite: MA4113.

#### 4313 Complex Variables

Complex numbers, analytic functions, integration series, contour integration, analytic continuation and multi-valued problems, conformal mappings, boundary value problems, integral transforms. Prerequisite: MA3013.

#### 4513 Point Set Topology

Theory of point sets and abstract spaces with applications to analysis. Prerequisite: Any two math courses numbered 3000 or above.

#### 4900 Independent Study in Mathematics

Assigned research, readings, and reports based on the needs of the individual student. May be taken only by juniors or seniors with approval of the professor involved, The mathematics department and chairman of the science division. (1-3 hours).

# CALENDAR

## FALL TRIMESTER 1990-91

### August 26, Sunday

Residence halls open at 1 p.m. for freshmen who did not attend Neat Week

### August 27, Monday

Faculty and staff meet for pre-school planning. Freshman orientation begins. See special schedule for details.

### August 29, Wednesday

Residence halls and snack bar open 1 p.m. for other students

### August 30, Thursday

Registration for students not pre-enrolled

### September 3, Monday

Classes begin

### September 14, Friday

Last day for adding classes and new enrollments

### September 15, Saturday

English proficiency exam

### October 9, Tuesday

Five weeks grades due at 12 noon

### October 18-21, Thursday-Sunday

Fall holiday

### October 24, Wednesday

Divisional chapel

### November 6-9, Tuesday-Friday

Pre-enrollment line

### November 9-10, Friday-Saturday

Homecoming

### November 16, Friday

Last day for dropping classes

### November 20, Tuesday

Cafeteria closes after evening meal

### November 21-25, Wednesday-Sunday

Thanksgiving holiday

### November 25, Sunday

Residence halls and snack bar open at 1 p.m.

### November 26, Monday

Classes resume after Thanksgiving

### December 17-21, Monday-Friday

Exam week

### December 21, Friday

Commencement exercises, 3:30 p.m.

Last day of fall trimester

Cafeteria closes after evening meal

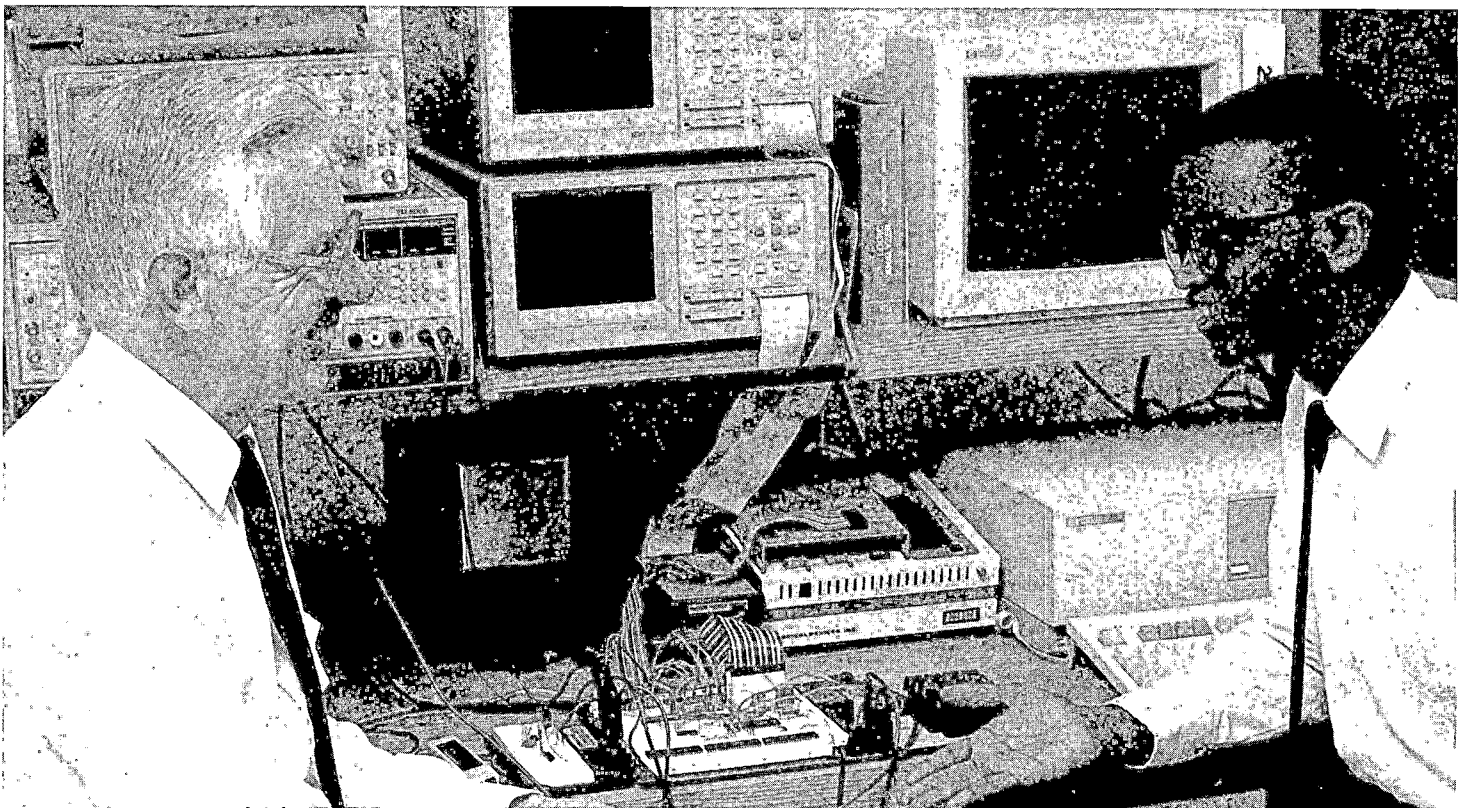
### December 22, Saturday

Residence halls close at 10 a.m.

Snack bar closes at 10 p.m.

### December 26, Wednesday

Grades due at 12 noon for fall trimester



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**SPRING TRIMESTER 1990-91**

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**SUMMER TRIMESTER 1990-91**

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**January 6, Sunday**  
Orientation and advisement for those not pre-enrolled. See special schedule for details

**January 7, Monday**  
Classes begin for spring trimester. Enrollment line open  
First meal in cafeteria at 7 a.m.

**January 18, Friday**  
Last day for adding classes and new enrollments

**January 19, Saturday**  
English proficiency exam

**January 27-30, Sunday-Wednesday**  
Lectureship

**February 12, Tuesday**  
Five weeks grades due 12 noon

**March 7-9, Thursday-Saturday**  
Annual Youth Forum and Spring Sing

**March 13, Wednesday**  
Divisional chapel

**March 16-24, Saturday-Sunday**  
Spring holiday

**March 29, Friday**  
Last day for dropping classes

**April 2-5, Tuesday-Friday**  
Pre-enrollment line

**April 22-26, Monday-Friday**  
Exam week

**April 26, Friday**  
Commencement exercises, 3:30 p.m.

Last day of spring trimester. Last meal in cafeteria at 5 p.m. Snack bar and residence halls will remain open between spring and summer trimesters

**April 30, Tuesday**  
Grades due at 12 noon for spring trimester

**INTERSESSION I - APRIL 29-MAY 17**

**April 29, Monday**  
Intercession registration and beginning of classes

**April 30, Tuesday**  
Last day to add intercession class

**May 13, Monday**  
Last day to drop intercession class

**May 17, Friday**  
Last day of intercession classes

**INTERSESSION II - MAY 20-JUNE 14**

**May 20, Monday**  
Intercession registration and beginning of classes

**May 21, Tuesday**  
Last day to add intercession class

**June 3, Monday**  
Last day to drop intercession class

**June 9-14, Sunday-Friday**  
NEAT WEEK I (Orientation for freshmen entering in the fall)

**June 14, Friday**  
Last day of intercession classes

**SUMMER SESSION - JUNE 17-AUGUST 2**

**June 17, Monday**  
Summer session registration and beginning of classes

**June 21, Friday**  
Last day to add summer session class

**July 4, Thursday**  
Independence Day holiday

**July 7-12, Sunday-Friday**  
NEAT WEEK II (Orientation for freshmen entering in the fall)

**July 12, Friday**  
Pre-enrollment for fall trimester

**July 22, Monday**  
Last day to drop a summer session class

**August 2, Friday**  
Last day of summer session classes

**August 6, Tuesday**  
Final grades due at 12 noon for summer trimester

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## FALL TRIMESTER 1991-92

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**August 25, Sunday**

Residence halls open at 1 p.m. for freshmen who did not attend Neat Week

**August 26, Monday**

Faculty and staff meet for pre-school planning. Freshman Orientation begins. See special schedule for details.

**August 28, Wednesday**

Residence halls and snack bar open 1 p.m. for other students

**August 29, Thursday**

Registration for students not pre-enrolled

**September 2, Monday**

Classes begin

**September 13, Friday**

Last day for adding classes and new enrollments

**September 14, Saturday**

English proficiency exam

**October 8, Tuesday**

Five weeks grades due at 12 noon

**October 17-20, Thursday-Sunday**

Fall holiday

**October 23, Wednesday**

Divisional chapel

**November 5-8, Tuesday-Friday**

Pre-enrollment line

**November 15, Friday**

Last day for dropping classes

**November 15-16, Friday-Saturday**

Homecoming

**November 19, Tuesday**

Cafeteria closes after evening meal

**November 20-24, Wednesday-Sunday**

Thanksgiving holiday

**November 24, Sunday**

Residence halls and snack bar open at 1 p.m.

**November 25, Monday**

Classes resume after Thanksgiving

**December 16-20, Monday-Friday**

Exam week

**December 20, Friday**

Commencement exercises, 3:30 p.m.

Last day of fall trimester

Cafeteria closes after evening meal

**December 21, Saturday**

Residence halls close at 10 a.m.

Snack bar closes at 10 p.m.

**December 24, Tuesday**

Grades due at 12 noon for fall trimester



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**SPRING TRIMESTER 1991-92**

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**January 5, Sunday**  
Orientation and advisement for those not pre-enrolled. See special schedule for details

**January 6, Monday**  
Classes begin for spring trimester. Enrollment line open  
First meal in cafeteria at 7 a.m.

**January 17, Friday**  
Last day for adding classes and new enrollments

**January 18, Saturday**  
English proficiency exam

**January 26-29, Sunday-Wednesday**  
Lectureship

**February 11, Tuesday**  
Five weeks grades due 12 noon

**March 5-7, Thursday-Saturday**  
Annual Youth Forum and Spring Sing

**March 11, Wednesday**  
Divisional chapel

**March 27, Friday**  
Last day for dropping classes

**March 31-April 3, Tuesday-Friday**  
Pre-enrollment line

**April 20-24, Monday-Friday**  
Exam week

**April 24, Friday**  
Commencement exercises, 3:30 p.m.

Last day of spring trimester. Last meal in cafeteria at 5 p.m. Snack bar and residence halls will remain open between spring and summer trimesters

**April 28, Tuesday**  
Grades due at 12 noon for spring trimester

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**SUMMER TRIMESTER 1991-92**

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**INTERSESSION I - APRIL 27-MAY 15**

**April 27, Monday**  
Intercession registration and beginning of classes

**April 28, Tuesday**  
Last day to add intercession class

**May 11, Monday**  
Last day to drop intercession class

**May 15, Friday**  
Last day of intercession classes

**INTERSESSION II - MAY 18-JUNE 12**

**May 18, Monday**  
Intercession registration and beginning of classes

**May 19, Tuesday**  
Last day to add intercession class

**June 1, Monday**  
Last day to drop intercession class

**June 7-12, Sunday-Friday**  
NEAT WEEK I (Orientation for freshmen entering in the fall)

**June 12, Friday**  
Last day of intercession classes

**SUMMER SESSION - JUNE 15-JULY 31**

**June 15, Monday**  
Summer session registration and beginning of classes

**June 19, Friday**  
Last day to add summer session class

**July 3, Friday**  
Independence Day holiday

**July 5-10, Sunday-Friday**  
NEAT WEEK II (Orientation for freshmen entering in the fall)

**July 10, Friday**  
Pre-enrollment for fall trimester

**July 20, Monday**  
Last day to drop a summer session class

**July 31, Friday**  
Last day of summer session classes

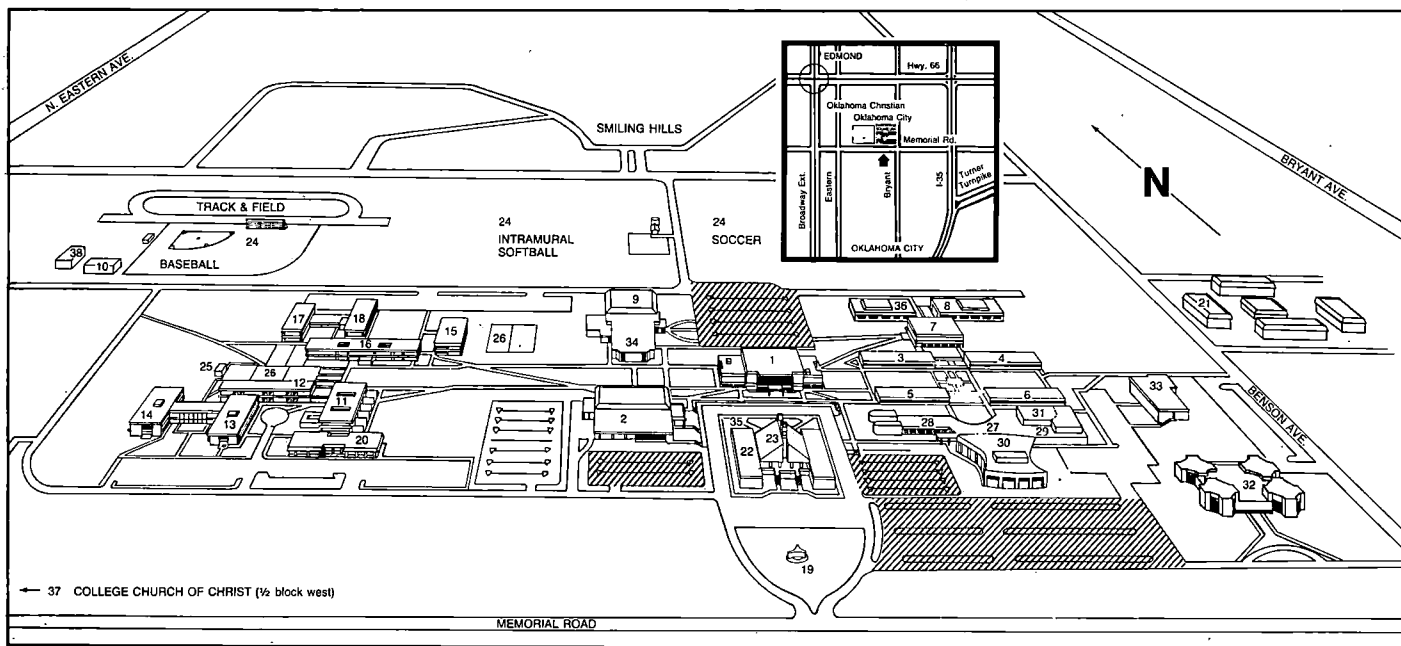
**August 4, Tuesday**  
Final grades due at 12 noon for summer trimester

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# CAMPUS MAP



## LEGEND

- |   |  |                               |
|---|--|-------------------------------|
| 1. Mabee Learning Center (LC)           | 16. Wilson West (Men's A)  | 30. Hardeman Auditorium (H)   |
| 2. Gaylord College Activity Center (SC) | 17. Men's Residence (C)  | 31. Judd Theater              |
| 3. Gaylord Hall (GH)                    | 18. Men's Residence (D)  | 32. Enterprise Square USA     |
| 4. Vose Hall (VH)                       | 19. Sign   | 33. Harvey Business Center    |
| 5. Benson Administration Building       | 20. Davisson (Women's E)   | 34. Swimming Pool             |
| 6. Cogswell-Alexander Hall (CAH)        | 21. Heritage Heights Apartments (Four Complexes) and Nowlin Center | 35. Thelma Gaylord Forum      |
| 7. Davisson American Heritage (DAH)     | 22. Allison Biblical Studies Center                                | 36. Prince Engineering Center |
| 8. Herold Science Hall (HSH)            | 23. Scott Chapel   | 37. College Church of Christ  |
| 9. Payne Physical Education Building    | 24. Athletic Fields  | 38. Maintenance Center        |
| 10. The Barn                            | 25. Laundry  |                               |
| 11. Tinius-East (Women's A)             | 26. Tennis Courts  |                               |
| 12. Tinius-West (Women's B)             | 27. Garvey Center (GC)   |                               |
| 13. Gunn-Henderson East (Women's D)     | 28. Mabee Communications (MC)                                      |                               |
| 14. Gunn-Henderson West (Women's C)     | 29. Kresge Fine Arts (KFA)   |                               |
| 15. Wilson East (Men's B)               |  |                               |

## VISITOR PARKING

Visitors may park in any lot on campus. Parking most convenient to the central campus area is marked .



**OKLAHOMA  
CHRISTIAN**



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